# SDMS US EPA REGION V -1

# SOME IMAGES WITHIN THIS DOCUMENT MAY BE ILLEGIBLE DUE TO BAD SOURCE DOCUMENTS.

4: 36

#### P 0 BOX 4724, AKRON OH 44310

#### TEST SURVEY RECAP

| CUST# 07320000              | CERRO COPPER I | PRODUCTS        | E ST LOL              | IIS IL          | 6/11         | 1/87   |
|-----------------------------|----------------|-----------------|-----------------------|-----------------|--------------|--|
| TC# SUBSTATION NAME         | SIZE<br>KVA    | GALLONS LIG     | OUID PCB<br>YPE CLASS | PCB LST<br>Date | GC KF ICP PF | SERVICE PRODUCT  |
| 4 BLDG 19 SPARE             | 5000           | 372 011         | CONTAMINATED          | 12/21/79 AC     | AC           | PCB REDUCTION V  |
| 8 BLDG 80                   | 1000           | 470 OII         | . NON-PCB             | 12/21/79 AC     | AC           | ACCEPTABLE DATA-RETEST 1 YEAR                              |
| 9 NEW RECEIVING             | 1500           | 319 011         | NON-PCB               | 12/21/79 AC     | AC           | ACCEPTABLE DATA-RETEST 1 YEAR                              |
| 10 R1A                      | 3440           | 1677 011        | L NON-PCB             | 12/21/79 AC     | AC           | ACCEPTABLE DATA-RETEST 1 YEAR                              |
| 11 R1A SWITCH COMP          |                | 70 OIL          | NON-PCB               | 12/21/79 AC     | AC           | ACCEPTABLE DATA-RETEST 1 YEAR                              |
| 12 R18                      |                | 360 010         | L CONTAMINATED        | 12/21/79 AC     | AC           | PC8 REDUCTION V  |
| 14 FOUNDRY                  | 1500           | 297 OIL         | CONTAMINATED          | 12/21/79 90     | AC           | PCB PEDUCTION W  |
| 15 EQUNDRY                  | 500            | 700 OI          | L NON-PCB             | 4/18/79 90      | AC           | REPAIR-SEE VISUAL INSPECTION                               |
| 1 <del>6 FOUNDR</del> Y (2) | 500            | 700 OI          | L CONTAHINATED        | 10/17/86 90     | AC:          | HOT OIL CLEAN REPAIR-SEE VISUAL INSPECTION PCB REDUCTION > |
| 17 FOUNDRY                  | 500            | 700 011         | L NON-PCB             | 12/21/79 AC     | AE           | REPAIR-SEE VISUAL INSPECTION                               |
| 18 FOUNDRY AIR POL          |                |                 |                       | 12/21/79 AC     |              | ACCEPTARLE DATA-RETEST 1 YEAR                              |
| 19 SHIPPING                 | 1000           | 413 01          | L NON-PCB             | 4/18/79 AC      | AC           | REPAIR-SEE VISUAL INSPECTION                               |
| 24 #2 HILL                  | 100            | 88 01           | L NON-PCB             | 12/21/79 AC     | ЗА           | ACCEPTABLE DATA-RETEST 1 YEAR                              |
| 25 #2 HILL                  | 100            | 88 01           | L NON-PCB             | 12/21/79 QU     | AC           | HOT OIL CLEAN  |
| 26 #2 MILL                  | 100            | 10 88           | L NON-PCB             | 12/21/79 98     | AC           | HOT BIL CLEAN  |
| 27 EXTENSION BAY            | 833            | 600 BI          | L NON-PCB             | 12/21/79 AC     | AC           | ACCEPTABLE DATA-RETEST 1 YEAR                              |
| 28 EXTRUSION BAY            | 833            | 60 <b>0</b> BI  | L NON-PCB             | 12/21/79 UN     | AC           | ELECTRICAL (DOBLE) TEST DEHYORATION                        |
| 29 EXTRUSION BAY            | 833            | 600 BI          | L NON-PCB             | 10/17/86 AC     | AC CA        | ACCEPTABLE DATA-RETEST 1 YEAR                              |
| 30 EXTRUSION BAY            | 3750           | 776 OI          | L CONTAMINATED        | 12/21/79 AC     | AC           | PCB REDUCTION -  |
| 31 EXTRUSION BAY            | 500            | 188 OI          | L NON-PCB             | 12/21/79 AC     | AC           | ACCEPTABLE DATA-RETEST 1 YEAR                              |
| 32 EXTRUSION BAY            | 500            | 188 01          | L NON-PCB             | 10/17/86 AC     | AC           | ACCEPTABLE DATA-RETEST 1 YEAR                              |
| 33 EXTRUSION BAY            | 500            | 188 OI          | L NON-PCB             | 10/17/86 AC     | AC           | ACCEPTABLE DATA-RETEST 1 YEAR                              |
| 34 BLOG 80                  | 2500           | 5 <b>21 O</b> I | L CONTAMINATED        | 4/18/79 AC      | AC           | POB REDUCTION ~  |
| 35 MAIN HILL                | 1500           | 294 01          | L CONTAMINATED        | 7/18/86 AC      | AC           | PCB REDUCTION ~  |
| 36 #2 MILL                  | 2500           | 389 OI          | L CONTAMINATED        | 7/18/86 AC      | AC           | PCB REDUCTION -  |
| 37 BLDG 80                  | 300            | 145 OI          | L NON-PCB             | 6/23/82 AC      | 90           | INVESTIGATE/SEE GC DATA                                    |
| 38 EXTRUSION BAY            | 1500           | 213 01          | L NON-PCB             | 6/23/82 AC      | AC           | ACCEPTABLE DATA-RETEST 1 YEAR                              |
| 39 BUILDING 19              |                | 339 01          | L NO DATA             | AC              | AC           | ACCEPTABLE DATA-RETEST 1 YEAR                              |

Other Addressees

CERRO COPPER PRODUCTS CO.

| P. Tandler | R.E.Conreaux

### INTERNAL MEMORANDUM

File

To: Distribution

Date:April 3, 1992

From: J. M. Grana

Subject: IEPA - PCB Inspection

April 3, 1992

Distribution: M. McNerney

J. Burroughs R. Thompson B. Novak

Mr. Mark Johnson, from the Illinois Environmental Protection Agency arrived at Cerro at approximately 9:40 am to perform a PCB inspection. He left Cerro at approximately 11:50 am. He stated that the IEPA is under contract with the USEPA to inspect about 100 sites per year.

During the inspection Mr Johnson spent nearly one hour asking questions concerning our past activities with PCBs. We provided general information and history of the company, electrical equipment and waste oil. Roy Thompson provided information on the electrical equipment and Joe Burroughs and this writer provided information on the company and the waste oil.

Mr. Johnson then reviewed our records on the PCB equipment and transformer analysis. He requested copies of the reports from the S.D. Meyers analytical results.

Then Joe & Roy escorted Mr. Johnson to the capacitor banks and the two former PCB transformers, #35 & #36. Both transformers are located in the Tube Mill. Samples of the #7 Fenn Mill's hydraulic system and the waste oil tank were also taken by Mr. Johnson.

When queried if there were any violations he would be reporting, he said that there are none from the inspection and that if there are no PCBs in the two samples we would receive a letter from the USEPA stating that there was no violations. He commented that the records looked good. Roy Thompson should be commended for keeping accurate and complete records. We will only have to maintain these records for 2 more years until July 1, 1994, then they can be discarded.

Bill Novak should also be commended for having a neat and orderly oil storage yard when the inspection occurred.

Cerro should receive a letter from the USEPA in about 6 months. He also said that this would most likely be our last inspection of this type.

JM21

| 4             |            | UNIFORM HAZARDOUS WASTE MANIFEST   | 0 H D 0 5 3 5 7                    | No.<br>LELALALI | Docume<br>Docume | i<br>int N  | 10.<br>71 C | 2. P        | age 1  |   |         |              | the shaded areas<br>by Federal law. |
|---------------|------------|--|------------------------------------|-----------------|------------------|-------------|-------------|-------------|--|---|---------|--------------|-------------------------------------|
| Ш             | 3          | Generator's Name and Mailing Address   | 0 11 10 10 10 10 10 10             | 10/2/9/         | 1 0 9            | <u> </u>    | 11 0        |             | lale M   |   |         |              | Number                              |
| 11            | ٠.         | S.D. Myers, In   | r                                  |                 |                  |             |             | 10. 3       | iaie iv  | iai iii c                                     | 31 00   | Cumen        | Number                              |
|               |            | 180 South Ave.   | /Tallmadge, OH                     | 44278           |                  |             |             | B. S        | tate G   | ener  | ator's  | ID           |                                     |
|               | 4.         | Generator's Phone (216) 633-2  | 666                                |                 |                  |             |             | <u> </u>    |  |   |         |              |                                     |
|               |            | Transporter 1 Company Name   | 6.                                 | US EPA ID       | Number           |             |             | c. s        | tale T   | ransp   | orter   | 's ID        |                                     |
|               |            | 7/7.INC  | ОНТ                                |                 |                  | 3           | يا ع        |             | ransp  |   |         |              | <b>-800-776-6</b> 07                |
|               | 7          | Transporter 2 Company Name   | 8.                                 | US EPA ID       | Number           | ,           | ,           |             | tate T   |   |         |              |                                     |
|               |            |  |                                    |                 |                  |             |             | <del></del> | ansp   |   |         | ne           |                                     |
| Ш             | 9.         | Designated Facility Name and Site Address  | s 10.                              | US EPA ID       | Number           |             |             | G. S        | tate F   | acint   | /s IU   |              |                                     |
|               |            | PPM, INC.  | <b>A</b>                           |                 |                  |             |             |             | acility  | an  |         |              |                                     |
|               |            | 4105 Whitaker  | AVE.<br>PA 19124 PAD               | - ا د اه ا ه ا  | ط داداد          | 1           | ے ا.د       | 1           | acinty   | 3 F 13  | J116    |              |                                     |
|               |            |  |                                    |                 | 112              | 2. C        | onta        | iners       | · · · · ·  | 13.   |         | 14           | 1.                                  |
| G             | 11         | . US DOT Description (Including Proper Shi   | pping Name, Hazard Class           | and ID Numi     | ber)             | No          | 1           | Гуре        | l a  | Total   |         | Unit         | Waste No.                           |
| E             | a.         |  | Waste, (Polychlo                   | rinated         |                  |             | -           | 1,750       |  |   | •/      | 1            |                                     |
| E             |            |  | zardeus Substanc                   |                 | id.              |             |             | i           |  |   | <u></u> |              |                                     |
| A             |            | N.O.S., ORM-E  | NA9188                             |                 | ,                |             | $\ln$       | լը: ը       | 13   | [3]   | UC      | 10           |                                     |
| 0             | b.         |  |                                    |                 |                  |             |             |             |  |   |         |              |                                     |
| Я             |            |  |                                    |                 |                  | ı           | . !         | ,           | ١,   |   | 1       |              |                                     |
| Ш,            | _          | <del></del>  |                                    | <u> </u>        |                  |             | ٠.,         |             |  |   |         |              |                                     |
|               | C.         |  |                                    |                 | 1                |             |             |             | 1  |   |         | ĺ            |                                     |
|               |            |  |                                    |                 | 1                | ŀ           | 1           | 1           | 1  | 1 1   | 1       | l l          |                                     |
|               | d.         |  |                                    |                 |                  | ٠           |             |             | <del>                                     </del> | -!!   |         | +            | <u></u>                             |
|               |            |  |                                    |                 |                  |             |             |             | İ  |   |         |              |                                     |
|               |            |  |                                    |                 |                  | 1           | 1           | 1           | 1  |   |         | }            | }                                   |
| $\  \cdot \ $ | J.         | Additional Descriptions for Materials Liste  | d Above                            |                 |                  |             |             | К. н.       | andlın   | g Co  | ies ic  | r Wast       | s Listed Above                      |
| 1             |            | والمعتمل والمتحربين والمتحرب |                                    |                 |                  |             |             |             |  |   |         |              |                                     |
| H             |            |  |                                    |                 |                  |             |             |             |  |   |         |              |                                     |
| $\  \ $       |            |  |                                    |                 |                  |             |             | ĺ           |  |   |         |              |                                     |
| 11            | ١,,        | 5. Special Handling Instructions and Additi  | onal Information                   |                 |                  |             |             | 1           |  |   |         |              |                                     |
| $\ $          | <u>`</u> ا |  |                                    |                 |                  |             |             |             |  |   |         |              |                                     |
| $\prod$       |            | 77778  | + 46204<br>+ 46205                 |                 |                  |             |             |             |  |   |         |              |                                     |
|               |            | PPH PO   | 46205                              |                 |                  |             |             |             |  |   | _       |              |                                     |
|               | 11         | 6. GENERATOR'S CERTIFICATION: I hereby decial  |                                    |                 |                  |             |             |             |  |   |         |              |                                     |
| $\prod$       |            | proper shipping name and are classified, packed,<br>according to applicable international and national   |                                    | an respects in  | proper cono      | ,,,,,,,,    | 101 1       | i arispor   | Dy m   | ,,, <del>,,,,</del>                           |         |              |                                     |
| П             | 1          | If I am a large quantity generator, I certify that<br>economically practicable and that I have select  |                                    |                 |                  |             |             |             |  |   |         |              |                                     |
| Ш             | 1          | luture threat to human heath and the environ-<br>the best waste management method that is avail  | nent; ORi, if I am a small quar    |                 |                  |             |             |             |  |   |         |              |                                     |
| П             | -          | Printed/Typed Name   | able to the and that ( can alloid. | Signature       | $\Lambda$        | 71          | 1           |             | - 1  |   |         |              | Month Day Yea                       |
| A             |            | DAVID L. BELDE   | זהי                                | J.g             | Ullisi           | IJ.         | 1           | 142         | לגריאי   | <i>9</i> .                                    |         |              | 11 12 10 12 18 1                    |
| 1             | 1          | 7. Transporter 1 Acknowledgement of Re   |                                    | <u></u>         |                  |             | <u> </u>    | <u> </u>    | حتد  |   |         | -            |                                     |
| RAN           |            | Printed/Typed Name   |                                    | Signature       | 77               | /:          | //          | / /         | /  | <u>/ i                                   </u> |         |              | Month Day Year                      |
| S             |            | 8. Transporter 2 Acknowledgement of Re-  | MICAY                              |                 | 1/16             | <u> </u>    | 4           | all         | ide  | رین   |         |              | 11/02/31                            |
| SPO           |            | 8. Transporter 2 Acknowledgement of Re-  | ceipt of Materials                 |                 |                  |             |             |             |  |   |         |              |                                     |
| ATE           |            | Printed/Typed Name   |                                    | Signature       |                  |             |             |             |  |   |         |              | Month Day Yea                       |
| ļ.            | +          | 9. Discrepancy Indication Space  |                                    | <del></del>     | <u>n</u>         |             |             |             |  |   |         |              | <del></del>                         |
|               | '          | 9. Discrepancy Indication Space 504   49   | actual ga                          | llongi          | 1900             | אב          | -/-         | ;           |  |   |         |              |                                     |
| É             |            | 5041 <del>49</del>   | 70 5                               |                 |                  |             |             |             |  |   |         |              |                                     |
| l i           | L          |  |                                    |                 | .,               |             |             |             |  |   |         |              |                                     |
| 1             | 2          | 20. Facility Owner or Operator: Certification  | n of receipt of hazardous n        | naterials cov   | ered by th       | is n        | nani        | fest ex     | cept a   | as no   | ted in  | Item 19      |                                     |
| ļ             |            | Printed/Typed Name   | 3 · m                              | Signatur        | 11               |             | /           | 0           |  | <b>V</b>                                      |         |              | Month Day Yea                       |
| L             |            | Clark Spangl   |                                    |                 | caus             | <u> ح</u> د | 4           | -12-        | <u>-9/1</u>                                      | <u> </u>                                      |         | <del>,</del> |                                     |
| S             | tyle       | F15REV-6 LABELMASTER, DIV of AMERICAN LABE   | LMARK CO , CHICAGO, IL 60646       |                 |                  |             | /           | 3           | Á Form   | 8700  | 22 (Re  | ev 9 88) P   | Yevious aditions are other          |

nust be tilled in, in link, in indelible Pencil, or in Caroon, and retained by the Agent

the classifications and farills in effect on the date of the issue of this fill of Lading, the classifications and farills in effect on the date of the issue of this fill of Lading, and between as noted (contents and contribution of contents anown), marked, consigned, and destined as indicated above which said carrier (the word understood throughout this contract as meaning any person or corporation in possession of understood throughout this contract as meaning any person or corporation in possession of understood throughout this contract as meaning any person or corporation in possession of understood throughout this contract as meaning any person or corporation in possession of understood throughout this contract as meaning any person or corporation in possession of understood throughout the contract as meaning any person or corporation in possession of understood throughout this contract as meaning any person or corporation in possession of understood throughout this contract as meaning any person or corporation in possession of understood throughout this contract as meaning any person or corporation in possession of understood throughout this contract as meaning any person or corporation in possession of understood throughout this contract as meaning any person or corporation in possession of understood throughout this contract as meaning any person or corporation in possession of understood throughout this contract as meaning any person or corporation in possession of understood throughout the contract as meaning any person or corporation in possession of the contract as meaning any person or corporation in possession of the contract as meaning any person or corporation in possession of the contract as meaning any person or corporation and the contract as meaning any person or corporation and the contract as meaning any person or corporation and the contract as meaning any person or corporation and the contract as meaning 
carrier of all or any of said property over all or any portion of said route to destination and as to each part, at any time interested in all or any said property. That every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing.

classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

| _                 | S.D.        | . Myer      | s, Inc.  |                      |                  |                                 |                        |  |
|-------------------|-------------|-------------|--|----------------------|------------------|---------------------------------|------------------------|--|
| At                | 180         | South       | Ave./Tallmadge, OH 19  | B9 BYT               | DESIGNATE W      | FREIGHT                         | Shipper                | r's No   |
| Carrier           |             |             |  |                      |                  |                                 |                        |  |
| Consigne          |             |             |  |                      |                  | (Mail or street add             | ress of cons           | ignee—For purposes of nutrification only   |
|                   |             |             | hitaker Ave./Philadelphia,   | Si                   | ate of P         | A                               | Cou                    | nty of   |
|                   |             |             |  |                      |                  |                                 |                        | , 01   |
|                   |             |             |  |                      | siala an Oa      | . desirat                       |                        | Al-  |
| No.               | Carrie      |             |  | VBI                  | 'Weight          | Class                           | Check                  | Subject to Section 7 of conditions of  |
| Package<br>5668 G |             | НМ          | Kind of Package, Description of Articles, Special Marks, and Exceptions    | NA4                  | (Sub. to Co      |                                 | Column                 | applicable bill of lading, if this shipment is to be delivered to the consigner without recourse on the consigner, the consignor, shall sign the tollowing |
| (aslin            | it          | \           | RQ (10/4.54), Polychlorinated Razardous Substance, Liquid, 10 ORM-E NA9188 |                      | rs,              |                                 |                        | statement. The carrier shall not make delivery of this shipment without payment of   |
|                   |             | /           | 011. 2 111./200  |                      |                  |                                 |                        | Per (Signature of Consignor)   |
|                   |             |             | (600) Hall Equipment, 89-137-  | rs, 8–14             | -89              |                                 |                        | If charges are to be prepaid, write or stamp here. To be Prepaid.  |
|                   |             |             | (1,800) Cerro Copper Products  | 8-17-8               | 9, 89-           | 135-RT.                         |                        | Received \$  |
|                   |             |             | (1,495) Cerro Cooper Products  | 89-135               | -RT; 8-          | 17-89                           |                        | on the property described hareon.  Agent or Cashier  |
|                   |             |             | (60) Avtex Fibers, 89-295-FS,  | 8-18-89              |                  |                                 |                        | Per  |
|                   |             |             | (220) Avtex Fibers, 89-295-FS  | 8-18-89              |                  |                                 |                        | Charges Advanced   |
|                   |             |             | (59) Olyphant Borough, 89-302  | FS, 8-3              | 1-89             |                                 |                        | C.O.D. SHIPMENT  |
|                   |             |             | (19) Genesco Municipal, 89-31  | 0-FS, 8-             | 31-89            |                                 |                        | Collection Fee   |
|                   |             |             | (162) North Arkansas Elec Co-  | op, 89-2             | 93-FS,           | 8-31-89                         |                        | *If the shipment moves between two   |
|                   |             |             | (48) Ohio Edison, 89-325-FS,   | 8-31-89              |                  |                                 |                        | ports by a carrier by water, the law<br>requires that the bill of leding shall<br>state whether it is "Carrier's or Ship-<br>per's weight."                |
|                   |             |             | (105) Ohio Edison, 89-325-FS,  | 8-31-8               | •                |                                 | <u> </u>               | †Shipper's imprint in lieu of stamp; not<br>a part of bit of lading approved by the<br>Department of Transportation.                                       |
|                   |             |             | (795) Sun Pipeline Co., 89-13  | D-RT. 0.             | 1-89             |                                 | -                      | NOTE—Where the rate is dependent<br>on value, shippers are required to state<br>specifically in writing the agreed or de-<br>clared value of the property. |
|                   |             |             |  |                      | <u> </u>         |                                 |                        | THIS SHIPMENT IS CORRECTLY DE-   |
|                   |             |             | Updatal 11/2/89  | <del>0</del> 13      |                  |                                 |                        | LBS.   |
|                   |             |             |  |                      |                  |                                 |                        | spective Weighing and Inspection<br>Bureau According to Agreement.   |
| TOTAL<br>PIECES   |             |             |  |                      |                  |                                 |                        | It lower charges result. The agreed or   |
| e c<br>Free       | ght Classif | ication and |  | rint in lieu of star | mp, not a part o | f bill of fading <b>appro</b> v | 41 of the<br>ed by Inc | declared value of the within described containers is hereby specifically statud to be not exceeding 50 cents per pound per article.                        |
|                   |             |             | DalHalleda   | 1                    | 1-2-89           | Sh                              | ipper, Per             | This is to certify that the abuve named materials are properly classified, described, packaged, marked and   |
| Permanent p       | post-office | address of  | Agent, Per   |                      |                  |                                 | ;                      | labeled and are in proper condition to<br>transportation according to the approache regulations of the Department of<br>Transportation.                    |



4105 WHITAKER AVENUE PHILADELPHIA, PENNSYLVANIA 19124 (215) 425-5144

#### CERTIFICATION OF DECONTAMINATION

S.D. Myers, Inc. 180 South Avenue Tallmadge, OH 44278

Job Control Number: 90664

Attn: Gail Smith

Decontamination Batch Number: 89-145

This is to inform you that in accordance with 40 CFR 761.60 (e), and PPM, Inc.'s authorization from the U.S. Environmental Protection Agency in Washington D.C., polychlorinated biphenyls (PCB) in oil from your company, as described below, were destroyed by PPM, Inc. on November 9, 1989 at its facility in Philadelphia, Pennsylvania. Any inquires should refer to the job control number referenced above.

Generator Name

Manifest Number

5.D. Myers, Inc.
Tallmadge, OH

89-178

Description of Material

Ending PCB Level

5,041 gallons in bulk <500 ppm

< 2 ppm

Sincerely,

PPM, Inc.

DA: \_

TUCKER, GEORGIA (404) 934-0902

LANCASTER, OHIO (614) 654-4746 TORONTO, ONTARIO (416) 364-1919

# LOCATION OF PCB CONTAMINATED TRANSFORMERS

| Tag | # 4        | 2000 | KVA | (spare)    |                     | (72) ppm |   |
|-----|------------|------|-----|------------|---------------------|----------|---|
| Tag | #12        | 315  | KVA | Inductrol  | Tankhouse           | 226 ppm  |   |
| Tag | #13        | 2000 | KVA | Ballast    | Tankhouse           | 126 ppm  |   |
| Tag | #14        | 1500 | KVA | 460 Volt   | Tankhouse           | 190 ppm  |   |
|     | <b>T13</b> | 500  | KAV |            | Tanchouse           | (cr) bon | , |
| Tag | #30        | 3750 | KVA | 4160 Volts | Ajax Heaters        | 69 ppm   |   |
| Tag | #34        | 2500 | KVA |            | #2 P.M.<br>Bldg. 80 | 216 ppm  |   |

# STATES STATES TO STATES

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 T JACKSON BOULEVA

77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590

AUG 1 3 1992

Mr. Joseph M. Grana Manager of Environmental Affairs Cerro Cooper Products Company 3000 Mississippi Avenue Sauget, Illinois 62202

REPLY TO THE ATTENTION OF:

AUG 19 1992

SP-14J

Re: PCB Compliance Inspection Date: April 3, 1992

Dear Sir:

A Representative of the United States Environmental Protection Agency (U.S. EPA) conducted a PCB compliance inspection at the above facility on the above date.

Based upon the data collected during that inspection, the U.S. EPA has determined that no violations of the Federal PCB regulations, 40 C.F.R. Part 761, were evident at the time of the inspection.

If you have any questions, please do not hesitate to call this office at 312-886-6906.

Sincerely,

Ly lodi

Thelma Y. Codina, P.E., Acting Chief PCB Control Section

C: PT REC M Men J DB

vers good Jms

: Other Addressees

; P. Tandler

R. E. Conreaux

M. McNerney

R. W. Thompson, w/copy

INTERNAL MEMORANDUM

CERRO COPPER PRODUCTS CO.

File

To: J. M. Grana

Date: November 7, 1991

From: J. D. Burroughs

Subject: Completion of PCB Removal

Attached is the Certificate of Disposal for the capacitors shipped from the plant on July 9, 1991. It is my understanding that this completes the removal of all major PCB contaminated items and that the only PCB items remaining might be a few of the older style light ballasts. As these items may be removed from service we must make cetain that they are collected and properly prepared for disposal. I will ask Roy Thompson to assist in this followup.

Jac \_\_\_\_



# TIPTON ENVIRONMENTAL TECHNOLOGY

P.O. Box 849, Hwy. 50 East. Tipton, MO 65081 (816) 433-5585 Fax (816) 433-2261

November 5, 1991

Joe Burroughs

Cerro Copper Products Co. P.O. Box 66800 St. Louis, MO 63166-6800

Dear Mr. Burroughs:

Attached, please find your Certificate of Disposal for material sent to us on Manifest #30370, dated 07-09-91. This will complete the disposal of all items listed on this manifest.

For your convenience in following our tracking system I have "hi-lighted" all information pertaining to your load.

If you have any questions, please feel free to contact me at, (816) 433-5585.

Sincerely,

Ellen Bestgen

ENCL.

CC: Transtec Environmental, Inc.

INSTRUCTIONS CORE THE COAT FLETION OF THIS FORM AND ON A SEPARATE STEET. THIS DOCUMENT MUST BE USED.

FOR ALL MISSOURI-DESTINED SHIPMENTS

MISSOURI DEPARTMENS OF NATURAL RESOURCES
Division of Environmental Quality
Waste Management Program
P.O. Box 178 Jefferson City, Missouri 65102
314-751-3176

m-11-91

177 16 11 177 1 177 1 1746 5 1 1 1 1830 4, 1 1 DEPT OF NATURAL 19 314-634 24 1

# **HAZARDOUS WASTE MANIFEST**

| ase print or type - (Form designed for use on elite (12-pitch   | ) typewriter.)   |   |   |                              | Form Approved. (                           | OMB No. 2050-0039, Expires 9-3                                   |
|---|--|---|---|------------------------------|--|--|
| UNIFORM HAZARDOUS   | 1. Generator's US EPA IC                                   | No.   | Manifest  | 2. Page                      | 1 Infor                                    | mation in the shaded areas                                       |
| WASTE MANIFEST  | ILDD80   | 18914   | 3Dogument No.                                   | O  <sub>of _</sub>           | is req                                     | juired by State law.   |
| CERRO COPPER PRODUCTS CO.   | SITE: HW   | Y #3, ALTON<br>UGET, IL 63                        | & SOUTHER                                       | NA TRA                       | (A) (Bunitiset Docu                        | ment Number  |
| PO BOX 66800<br>ST. LOUIN, MO 63166-6800 -<br>4. Generator's Profile ( 618 ) 337-6000   | r  | JOE 1, 12 0.                                      |   | *(433                        | Generator's ID - o                         |  |
| 5. Transporter 1 Company Name   |  | IS EPA ID Number                                  |   | C. MO,                       | Transporter's ID                           |  |
| TRANSTEC ENVIRONMENTAL, INC   |  |   | 11218131  | B D. Trans                   | sporter à Phone                            | 216=875-1419   |
| 7. Transporter 2 Company Name   | 8. U   | S EPA ID Number                                   | <u> </u>  | 7.76                         | ALIEN MALE                                 |  |
| 9. Designated Facility Name and Site Address TIPTON ENVIRONMENTAL TECHNO 1 MI. EAST HWY 50  | OLOGIES 10.  | US EPA ID Number                                  |   |                              | 14101                                      | TED:   |
| TIPTON, MO 65081  | M  | 5, 1, 8, פ, מ, 0                                  | 1, 1, 6, 6, 0,                                  |                              |  |  |
| 11. US DOT Description (Including Proper Shipping Nam   |  |   | 12. Conta                                       | iners                        | 13.<br>Total<br>Quantity                   | Unit I. Waste No.  |
| *Hazardous Substance, liquio<br>(Polychlorinated biphenyls)   |  |   | L L   | -tal                         | 5694.                                      | Manager 198  |
|   |  |   |   | C, W                         | 0,6,5,1                                    | S K M O O  |
| bHazardous Substance, liquid<br>(Polychlorinated biphenyls)   | •  |   | 1   |                              | _  | HONE   |
| <sup>c</sup> Hazardous Substance, solid   | D O D OPM  | LE NACIO  |   | DIM                          | 00000                                      | EPA WASTE CODE   |
| (Polychlorinated biphenyls  |  |   |   |                              | اما  | NONE   |
|   |  | <del></del>                                       | P 101   | א ען כ                       | <u>ଓ ଷ୍ଟ୍ର</u>                             | EPA WASTE CODE   |
|   |  |   |   |                              |  | 10. 发发   |
|   |  | <del></del>                                       |   | 14 14 14                     | dian Cadaa taa W                           | estes Listed Above   |
| J. Additional Descriptions for Materials Listed Above   | \  | <u></u>   | *         | . R. Fleine                  | sling Codes for Wi                         | estine Cisted Voorse   |
| NOVE PCB Capaci   | tois   |   | <del></del>                                     |                              |  | <del></del>  |
| NONE  | , e e <b>v</b> e e   | <u> </u>  | <del></del>                                     |                              | <del></del>                                | ┸╾╂╼┸╼╃╼┽╾   |
| NONE  |  | <del> </del>                                      |   |                              |  | <del></del>  |
| d.;   |  |   |   |                              |  | <del></del>  |
| 15. Special Handling Instructions and Additional Information SEE MANIFEST ATTACHMENT PG PO #96210 PC R C  | 2 OF 2 FOR 5   |   |   |                              |  | 0570<br>Qi   |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that  |  | forment are fully and a                           | countely described a                            | hous by se                   | noe chicoing com                           |  |
| and labeled, and are in all respects in proper condition for<br>If I am a large quantity generator, I certify that I have<br>and that I have selected the practicable method of tra | or transport by highway accor<br>a program in place to red | ording to applicable interruce the volume and tox | ational and national g<br>city of waste general | jovernment i<br>led to the d | regulations and app<br>legree I have deter | olicable state regulations.<br>Imined to be economically practic |
| OR, if I am a small quantity generator, I have made a goo   |  | weste generation and se                           |   |                              |  |  |
| Printed/Typed Name  JOE D. BURROUG  | 45   | Signature   | & Bum   |                              |  | Month Day<br>10,710,919  |
| 17. Trensporter 1 Acknowledgement of Receipt of Material Printed/Typed Name   | pie  | Sibreture   | -1  |                              | /  | Date Date  |
| DAVID E. Home   | <del></del>  | The   | il E  | A.                           | nur  | Month Day  |
| 18. Transporter 2 Acknowledgement of Receipt of Materia   | nis  | ~ <del></del>                                     |   |                              |  | Date   |
| Printed/Typed Name  |  | Signature   |   |                              |  | Month Day  |
| 19. Discrepancy Indication Spece  |  |   |   |                              |  | · · · · · · · · · · · · · · · · · · ·                            |
| 20. Facility Owner or Operator: Certification of receipt of   | hazardous materials covere                                 | ed by this manifest exce                          | pt as noted in item 19                          | ).                           | <del></del>                                |  |
| Printed/Typed Name  | <del></del>  | Giografiano                                       |   |                              |  | Date Date  |
| TELLED I REST   | てったか   | Signature   | ~   | 30-                          | ta-  | A CONTRACTOR   |



PCB MANIFEST CONTINUALION SILLE

| MANIFEST DOCUMENT # | 30570 | PAGE #2 | OF _ <u>_</u> _ |
|---------------------|-------|---------|-----------------|
|---------------------|-------|---------|-----------------|

| lne          | SERIAL NUMBER  | DATE REMOVED<br>FROM SERVICE<br>FOR DISPOSAL | DESCRIPTION              | PCB<br>WASTE<br>CODE | TOTAL WEIGHT IN KILOGRAMS LB X .454 | OPTION<br>*** |
|--------------|----------------|--|--------------------------|----------------------|-------------------------------------|---------------|
| 1/a          | 570-1          | 7-8-91                                       | Wooden boxes of Capacita |                      | 1629                                |               |
|              | 570-2          |  | / .                      |                      |                                     |               |
|              | 570-3          |  |                          |                      |                                     |               |
|              | 570-4          |  |                          |                      |                                     | - <u></u> -   |
| 1            | 570-4<br>570-5 | 1  | +                        |                      | 1                                   |               |
|              |                |  |                          |                      |                                     |               |
|              |                |  |                          |                      |                                     |               |
|              |                |  |                          |                      |                                     |               |
|              |                |  |                          |                      |                                     |               |
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|              |                |  |                          |                      |                                     |               |
|              |                |  |                          |                      |                                     |               |

DISTRIBUTION: BLUE TO TSDF, YELLOW TO TRANSPORTER, PINK TO GENERATOR
\*\*\*\*FOR GENERATOR USE ONLY — ANYTHING THE GENERATOR REQUIRES FOR REPORTING OR TRACKING
TOTAL WEIGHT IN KILOGRAM COLUMN MUST MATCH MANIFESTIIIIII

Annual Do ment Log & Work Order ental Technology, inc. Tipton Env. 7. 50. P.O. Box 849 One Mile E

Tipton, MO .81 EPA#: MOD981506611 Generator: Cerro Copper Products; Jt. Louis, MO Generators US EPA 10#: 110000018914

1 to 12/31/91 01/ Page

| Work Or<br>&<br>Unique |    |             | Regulatory<br>Description | Description | Mnft. | Date of<br>RFS for<br>disposal | Date<br>Rec'd    | We<br>Incoming | ight<br>Outgoing | Outgoing<br>Mn†t. # | Transport<br>Date        | Disposer<br>Name     | Disposal<br>Date |
|------------------------|----|-------------|---------------------------|-------------|-------|--------------------------------|------------------|----------------|------------------|---------------------|--------------------------|----------------------|------------------|
| 221<br>5702            | ρ: | CB /        | Article                   | PCB Caps    | 30070 | 07 -08-91                      | <b>0</b> 7-11-91 | 11.5.0         | 1135.0           | 91165               | 08-19-91                 | Rollins Env Ser (TX) | 10-20-91         |
| 221<br>5794            | P( | CB #        | Article                   | PCB Caps    | 30570 | 0/-08-91                       | ⊌7-11-91         | 1174.0         | 1134.0           | 91165               | <b>0</b> 8-19 <b>-91</b> | Rollins Env Ser (TX) |                  |
| 221<br>57 <b>0</b> 3   | PC | 18 <i>i</i> | Ar <b>Cicle</b>           | PCB Caps    | 30570 | <b>67-6</b> 8-91               | 6/-11-91         | 11.3.5         | 1133.5           | 91165               | 08-19-91                 | Rollins Env Ger (TX) |                  |
| 221<br>57 <b>0</b> 5   | PC | :B /        | Article                   | PCB Caps    | 30570 | <b>07-0</b> 8-91               | 07-11-91         | 1117.5         | 114/.5           | 91165               | <b>08-19-91</b>          | Rollins Env Ser (TX) |                  |
| 221<br>57 <b>0</b> 1   | PC | B A         | Article                   | PCB Caps    | 30570 | 07-08-91                       | <b>67-11-91</b>  | 1144.5         | 1144.5           | 91165               | <b>0</b> 8-19-91         | Rollins Env Ser (TX) | <i>'</i>         |

TOTAL 5694.5 5694.5

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Please print or type. (Form designed for use on elite (12-pitch) typewriter

Form approved, OMB No. 2050-0039, expires 09-30

| TIE .       | ase print or type. (Form designed for use on elite (12-pitch) typewriter.)   |                                    | T-01          | ili approved. Owb       | 140. 2030     | J-0039, Expiles 09-30                   |
|-------------|--|------------------------------------|---------------|-------------------------|---------------|---|
| -,1         | WASTE MANIFEST M. O. D. 9. 8. 1. 5. 0. 6. 6. 1. 1. 19. 1   | lanifest<br>ument No.<br>1/1/16/15 | . 6 0         | is not                  | require       | n the shaded areas<br>ad by Federal law |
|             | 3 Generator's Name and Mailing Address Tipton Environmental Technology, Inc.   |                                    |               | tate Manifest (         |               |   |
|             | 1 Mile East Highway 50   |                                    |               | <u> 0055</u>            | 5700          | <u> </u>                                |
|             | Tipton, MO 65081   |                                    | B. S          | tate Generator          | 's ID         |   |
|             | Tipton, MO 65081 4. Generator's Phone ( 816) 433-5585 (24 hour emergency number) 5. Transporter 1 Company Name 6. US EPA ID Numb   |                                    |               | 99929                   |               |   |
|             | 1  | er                                 | C. S          | tate Transporte         | 40736         |   |
|             | Custom Environmental Transport D.E.D.9.8.0.9.1.8   |                                    | D. T          | ransporter's Ph         | one 71        | 3-930-4500                              |
|             | 7. Transporter 2 Company Name 8. US EPA ID Numb  | er                                 |               | tate Transporte         |               |   |
|             | 9 Designated Facility Name and Site Address 10. US EPA ID Numl   | <u> </u>                           |               | ransporter's Ph         |               | · · · · · · · · · · · · · · · · · · ·   |
|             | Rollins environmental Services, TX, Inc.   | D <del>e</del> i                   | G. 3          | •                       |               |   |
| $ \cdot $   | - 2027 Battleground Road   |                                    | H. F          | 5001<br>acility's Phone | 89            |   |
| $\ \cdot\ $ | Deer Park, TX 77536  | 3 7 Ω                              | 1             | 713-930                 | -2300         |   |
|             | 11A. 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID  | 12. Conti                          |               | 13.<br>Total            | 14.           | i.                                      |
| $\  \ $     | HM Number)   | No.                                | Туре          | Quantity                | Unit<br>Wt/Vo | Waste No.                               |
|             | RQ Hazardous Substance Liquid N.O.S.   | -                                  | İ             |                         |               | M008                                    |
| 6           | ORM-E NA 9188 (PCBs)   | 59                                 | DM            | 10066.5                 | K             | 173880                                  |
| GEN         | b. 20 72   | <del> </del>                       | <del> </del>  | ļ                       |               |   |
| R           | RQ HAZArdous Substance Elquid N.O.S.   |                                    |               |                         |               | M008                                    |
| 0           | ORM-E NA 9188 (PCBs)   | . 8                                | CM            | 9100                    | K             | 173880                                  |
| "           | C. RQ Hazardous Substance Solid N.O.S.   |                                    | i             | <u> </u>                |               | M009                                    |
| Н           | ORM-E NA 9188 (PCBs)   | 3                                  | DM            | 276                     | K             | 179430                                  |
|             |  | <u> </u>                           |               |                         |               |   |
| ' 1         | d.   |                                    |               |                         |               |   |
| П           |  | 1                                  |               | 1                       |               |   |
|             | J. Additional Descriptions for Materials Listed Above  | <u></u>                            | K. H          | landling Codes          | for Was       | I Listed Above                          |
|             | 11A. HO-43593-39 PCB DM Capacitors   |                                    |               |                         |               |   |
|             | 11B. HO-43593-39 PCB Capacitors  |                                    |               | -                       | 77            | 7/                                      |
|             | 11C. HO-43624-48 PCB Debris  |                                    |               |                         | 1             |   |
| П           | 15. Special Har "ing Instructions and Additional Information   |                                    | 11 <b>X</b> . | PCB-1                   |               |   |
| 11          | PCB MANIFEST   |                                    | 11B.          | PCB-1                   |               |   |
|             | SEE ATTACHED CONTINUATION SHEET FOR ADDITIONAL REQUIRED INFORMATION  |                                    | 11C.          | PCB-2                   |               |   |
|             | 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fu   | illy and accu                      | rately d      | escribed above by       | proper si     | nipping name and are                    |
|             | classified, packed, marked, and labeled, and are in all respects in proper condition for transpo   | ort by highv                       | vay acc       | ording to applicat      | de intern     | ational and national                    |
| П           | government regulations, including applicable state regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume an                                | d toxicity of                      | waste (       | generated to the d      | egree I h     | ave determined to be                    |
|             | economically practicable and that I have selected the practicable method of treatment, storage, or future threat to human health and the environment; OR, if I am a small quantity generator, I have | disposal cui                       | rrently a     | available to me wh      | ich wivit     | nizes the present and                   |
|             | the best waste management method that is available to me and that I can afford.  | illade a good                      | 1 /           | 7                       | .,,           |   |
| V           | Printed/Typed Name Signature   |                                    | <i>//</i> ,   | 1111                    | _             | Month Day Yea                           |
| L           | James S. Sidebottom / Www  |                                    | Ka            | etollo                  | $\geq$        | 0.8 1.9 9                               |
| [           | 17. Transporter 1 Acknowledgement of Receipt of Materials  |                                    |               |                         |               | Date                                    |
| RA          | Printed/Typed Name Signaruse   | 7                                  | 1             |                         |               | Month Day Yea                           |
| SP          | JERRY TERKINS Krewy  | <u> </u>                           | <u>ركم</u>    | رسن                     |               | 0.8 1 9 9                               |
| R           | 18. Transporter 2 Acknowledgement of Receipt of Materials  |                                    |               |                         |               | Date Carry                              |
| E           | Printed/Typed Name Signature   |                                    |               |                         |               | Month Day Yea                           |
| -           | 19. Discrepancy Indication Space   |                                    |               |                         |               | <u> </u>                                |
| ,           | 13. Discrepancy indication opace   |                                    |               |                         |               |   |
| ΥÉ          |  |                                    |               |                         |               |   |
| Ĉ           |  |                                    |               |                         |               | ~                                       |
| L           | 20. Facility Owner on Operator: Certification of receipt of hazardous materials covered by   | this mani                          | fest ex       | cept as noted in        | Item 19       |   |
| *           | L S X V mc   |                                    | $\sim$        | <del></del>             |               | Manith Day Yea                          |
| 1           | Printed/Typed Name Signature   | $\sim$                             | M             | itte                    | •             | 17.27                                   |

White original Plat TSD Civilian Vallant Transporter Green Cenerator's first copy

PAGE 2 OF 8 HANIFEST # 91165 / 557000

NATIONAL PARTIES

|                | T     |   |  |                      |       |           | <u> </u> | <del>/</del>         |
|----------------|-------|---|--|----------------------|-------|-----------|----------|----------------------|
| GENERATOR      | WORK  | UNIQUE<br>IDENTIF—<br>ICATION<br>NUMBER | DATE OF RE-<br>MOVAL FROM<br>SERVICE FOR<br>DISPOSAL | WASTE                | KG    | HO#       | TX#      | MO WASTE<br>EPA WAST |
| MASA Lewis     | 258   | 3059004                                 | 5-22-911   | Drummed<br>-PCB CAPS | 203   | 43593 -39 | 173880   | PCB-1<br>MOS         |
|                |       | 305 900 7                               | i i  | ,                    | 204   |           |          |                      |
|                |       | 3059003                                 | 5-29-91  |                      | 203.5 |           |          |                      |
|                |       | 3059002                                 | 5-29-91  |                      | 204   |           |          |                      |
|                |       | 3059005                                 | 5-24-91  |                      | 174   |           |          |                      |
| neat LAKES EAU | . 255 | 57564                                   | 3-1-91   |                      | 214.5 |           |          |                      |
|                |       | 57563                                   | 3-1-91   |                      | 251.5 |           |          |                      |
|                |       | 57590                                   | 12-21-90   |                      | 96.5  |           |          |                      |
|                |       | 57575                                   | 3-4-91   |                      | 74.5  |           |          |                      |
|                | -     | 57572                                   | 7-30-91  |                      | 50    |           |          |                      |
|                |       | 57574                                   | 3-1-91   |                      | 99.5  |           |          |                      |
|                |       | 57565                                   | 3-1-91   |                      | 110.5 |           |          |                      |
|                |       | 57562                                   | 7-12-91  |                      | /23   |           |          |                      |
| <u> </u>       | 1     | 57592                                   | 7-24-91  |                      | 131   |           |          |                      |

TOTAL KG 2/37.5

SIGNATURE from Sidelotton

PAGE 3 OF 8 HANIFEST # 9/1/65 - 557000

| GENERATOR      | WORK<br>ORDER | UNIQUE<br>IDENTIF—<br>ICATION<br>NUMBER | DATE OF RE-<br>MOVAL FROM<br>SERVICE FOR<br>DISPOSAL | TYPE OF PCB<br>WASTE | KG    | HO#      | TX#    | MO WASTE!      |
|----------------|---------------|---|--|----------------------|-------|----------|--------|----------------|
| Gneat Lakes En | . 255         | 57577                                   | 3-4-9/1  | PCB CADS             | 56.5  | 43593-39 | 173880 | PCB-1<br>12008 |
|                |               | 57593                                   | 7-23-91  |                      | 138   |          |        |                |
| /              |               | 57574                                   | 3-4-91   |                      | 7/    |          |        |                |
| Dynex CNO.     | 252           | 319498                                  | 7-29-91  |                      | 151   |          |        |                |
|                |               | 31949 A                                 | 7-29-91  |                      | 152   |          |        |                |
|                |               | 60291B                                  | 6-27-91  |                      | 198.5 |          |        |                |
|                |               | 4029181                                 | 6-27-91  |                      | 185.5 |          |        |                |
|                |               | 60291K                                  | 6-27-91  |                      | 201   |          |        |                |
| ,              |               | 60291J                                  | (0-27-91   |                      | 216.5 |          |        |                |
|                |               | 602910                                  | 6-27-91  |                      | 162.5 |          |        |                |
|                |               | 60291I                                  | 6-27-91  |                      | 180   |          |        |                |
|                |               | 100291A                                 | 6-27-91  |                      | 186.5 |          |        |                |
|                |               | 102910                                  | 6-27-91  |                      | 17P   |          |        |                |
|                | 1 4           | 0291E                                   | 6-27-91  |                      | 159   |          |        | <i>C</i> 30:   |

TOTAL KG 2236

SIGNATURE Jan Siculotton

فرميقا والافتحادات أأجاجا PAGE 4 OF 8 HANIFEST # 9//65/557000

| CEMEDATION |               | T                                       |  |                     |       |           | · •    |                        |
|------------|---------------|---|--|---------------------|-------|-----------|--------|------------------------|
| GENERATOR  | WORK<br>ORDER | UNIQUE<br>IDENTIF—<br>ICATION<br>NUMBER | DATE OF RE-<br>MOVAL FROM<br>SERVICE FOR<br>DISPOSAL | WASTE               | KG    | HO#       | TX#    | MO WASTES<br>EPA WASTE |
| Dynex EN   | 252           | (00291G                                 | .6-27-9/1  | Drunned<br>PCB CADS | 183.5 | 43593-39. | 173880 | PCB-1<br>MOO8          |
| V          |               | 60291 F                                 | 6-27-91  | ,                   | 179   |           |        |                        |
| ENSR Open. | 257           | 305733                                  | 6-1-91   |                     | 207   |           |        |                        |
| Someyers   | 259           | 11381                                   | 2-25-91  |                     | 151   |           |        |                        |
|            |               | 1150                                    | 6-1-91   |                     | 203.5 |           |        |                        |
|            |               | 1152                                    | 4-20-91  |                     | 166.5 |           |        |                        |
|            |               | 1146                                    | 2-12-91  |                     | 110.5 |           |        |                        |
|            |               | 1147                                    | 1-30-91  |                     | 79    |           |        |                        |
|            |               | 11382                                   | 2-25-91  |                     | 178.5 |           |        |                        |
|            |               | 1155                                    | 7-1-91   |                     | 89.5  |           |        |                        |
|            |               | 1/383                                   | 2-25-91  |                     | 168   |           |        |                        |
|            |               | //43                                    | 6-18-91  |                     | 157.5 |           |        |                        |
|            |               | 11421                                   | 6-19-91  |                     | 23    |           |        |                        |
|            |               | 1141                                    | 19-17-91   | V                   | 48    |           |        |                        |

TOTAL KG 1944.5

SIGNATURE Jan Side Softon

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PAGE 5 OF 7 HANIFEST # 9/165 - 557000

|             |          | ·                                       |  |          |       |          |          |                      |
|-------------|----------|---|--|----------|-------|----------|----------|----------------------|
| GENERATOR   | WORK     | UNIQUE<br>IDENTIF—<br>ICATION<br>NUMBER | DATE OF RE-<br>MOVAL FROM<br>SERVICE FOR<br>DISPOSAL | WASTE    | KG    | HO#      | TX#      | MO WASTE<br>EPA WAST |
| SD Meyers.  | 259      | 11422                                   | 6-19-911   | PCB Caps | 200   | Y3593-39 | 173886   | PCB-1<br>MOO8        |
| ENSR        | 256      | 5853                                    | 7-11-91  |          | 112   |          |          |                      |
|             |          | 5851                                    | 7-11-91  |          | 97.5  |          |          |                      |
|             |          | 5852                                    | 7-11-91  |          | 114.5 |          |          |                      |
| (54)es+ BC. | 261      | USW 12                                  | 7-18-91  |          | 318   |          |          |                      |
|             |          | 450 13                                  | 6-6-91   |          | 191.5 |          |          |                      |
|             |          | 45210                                   | 5-30-91  |          | 233.5 |          |          |                      |
|             |          | U5W4                                    | 4-12-91  |          | 271.5 |          |          |                      |
|             |          | U5W//                                   | 6-3-91   |          | 225   |          |          |                      |
|             |          | USW 5                                   | 1-28-91  |          | 152.5 |          |          |                      |
|             | -        | USW 6                                   | 5-11-91  |          | 243   |          |          |                      |
|             |          | usWa                                    | 2-15-91  |          | 280   |          |          |                      |
|             |          | (LSW 3                                  | 5-3-9/   |          | 241.5 |          |          |                      |
| <u> </u>    | <u> </u> | usw 1                                   | 4-2-91   | <u> </u> | 333   | <u> </u> | <u> </u> |                      |

TOTAL KG 3033.5 DATE 8-18-91
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PAGE 6 OF 557000

| GENERATOR | WORK<br>ORDER | UNIQUE<br>IDENTIF—<br>ICATION<br>NUMBER | DATE OF RE-<br>MOVAL FROM<br>SERVICE FOR<br>DISPOSAL | WASTE    | KIG   | HO#             | TX#    | MO WASTE!<br>EPA WASTE! |
|-----------|---------------|---|--|----------|-------|-----------------|--------|-------------------------|
| USWest BC | 261           | USW9.                                   | 6-13-911   | PCB CAPS | 250   | <i>43593-39</i> | 173880 | PCB-1<br>MOD 8          |
|           |               | USW 7                                   | 12-24-90   |          | 231.5 |                 |        |                         |
|           |               | uswg                                    | 5-28-91  | <u> </u> | 233.5 | <b>V</b>        | V      | V                       |
|           |               |   |  |          |       |                 |        |                         |
|           |               |   |  |          |       |                 |        |                         |
|           |               |   |  |          |       |                 |        |                         |
|           |               |   |  |          |       |                 |        |                         |
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|           |               |   |  |          |       |                 |        |                         |
|           | ı             |   |  |          |       |                 |        |                         |
|           | X.            |   |  |          |       |                 |        |                         |
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|           |               |   |  |          |       |                 |        |                         |

TOTAL KG 7/5
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PAGE 7 OF 7 HANIFEST # 9/16: 557000

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|------------------|----------------|---|--|-----------------------|--------|----------|--------|------------------------|
| GENERATOR        | WORK           | UNIQUE<br>IDENTIF—<br>ICATION<br>NUMBER | DATE OF RE-<br>MOVAL FROM<br>SERVICE FOR<br>DISPOSAL | WASTE                 | KG     | KG HO#   |        | MO WASTER<br>EPA WASTE |
| NASA Lewis       | 258            | 3059006                                 | 5-29-9/1   | UDO CRATÉ<br>PCB CAPS | 779    | 43593-39 | 173880 | PC3-1<br>MOD8          |
| Ensr             | 257            | 305722                                  | 6-1-91   |                       | 1220   |          |        |                        |
|                  |                | 305721                                  | 6-1-91   |                       | 1406.5 |          |        |                        |
| Ceano Copper Pro | 221            | 5702                                    | 7-8-91   |                       | 1135   |          |        |                        |
|                  |                | 5704                                    | 7-8-91   |                       | 1134   |          |        |                        |
|                  |                | 5703                                    | 7-8-91   |                       | //33.5 |          |        |                        |
|                  |                | 5705                                    | 7-8-91   |                       | 1147.5 |          |        |                        |
|                  | $\downarrow$   | 5701                                    | 7-8-91   | <u> </u>              | 1144.5 |          |        |                        |
|                  |                |   |  |                       |        |          |        |                        |
|                  |                |   |  |                       |        |          |        |                        |
|                  |                |   |  |                       |        |          |        |                        |
|                  |                |   |  |                       |        |          |        |                        |
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|                  |                |   |  |                       |        |          |        |                        |

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| GENERATOR  | WORK<br>ORDER | UNIQUE<br>IDENTIF—<br>ICATION<br>NUMBER | DATE OF RE-<br>MOVAL FROM<br>SERVICE FOR<br>DISPOSAL | WASTE        | KG   | HO#      | TX#    | MO WASTER<br>EPA WASTER |
|------------|---------------|---|--|--------------|------|----------|--------|-------------------------|
| MASA Leurs | 258           | 3059008                                 | 3-15-911   | - PeB Debass | 91.5 | 43624-48 | 179430 | PCB-2<br>MOU9           |
|            |               | 3059009                                 |  |              | 84.5 |          |        |                         |
|            | V             | 3059010                                 |  | V            | 100  | <b>V</b> | V      |                         |
|            |               |   |  |              |      |          |        |                         |
|            |               |   |  |              |      |          |        |                         |
|            |               |   |  |              |      |          |        |                         |
|            |               |   |  |              |      |          |        |                         |
|            |               |   |  |              |      |          |        |                         |
| ,          |               |   |  |              |      |          |        |                         |
|            |               |   |  |              |      |          |        |                         |
|            | ·             |   |  |              |      |          |        |                         |
|            |               |   |  |              |      |          |        |                         |
|            |               |   |  |              |      |          |        |                         |
|            |               |   |  |              |      |          |        |                         |

TOTAL KG 276 SIGNATURE for Siciology

PROGRAM-ID: PTR1722 ROLLINS ENVIRONMENTAL SERVICES (TX) INC

RUN DATE : 10/25/91 CERTIFICATE OF DISPOSAL ; PAGE: 1 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Certificate of Disposal Stream Order Invoice Manifest Received Final Name and Address Number Number Pounds Number Date Disposal \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

043593 132577 42,260 TX00557000 08/20/91 10/20/91

TIPTON ENVIRONMENTAL TECHNOLOG

1 MILE E HWY 50

P.O. BOX 849

TIPTON MO 65081

Attn: STEVE SIDEBOTTOM

| Inventory | Customer's Unique |               | CONTAI | NER       | Suff | SHP Disposal |
|-----------|-------------------|---------------|--------|-----------|------|--------------|
| Cntrl Nbr | Serial Number     | Type          | Pounds | Contents  | Code | TO Mthd Date |
| 001977033 | 5705              | вох           | 2,514  | CAPACITOR | 39   | I 09/14/91   |
| 001977034 | 5703              | BOX           | 2,478  | CAPACITOR | 39   | I 10/20/91   |
| 001977035 | 5704              | BOX           | 2,482  | CAPACITOR | 39   | I 09/13/91   |
| 001977036 | 5702              | BOX           | 2,490  | CAPACITOR | 39   | I 09/12/91   |
| 001977037 | 5701              | BOX           | 2,510  | CAPACITOR | 39   | I 09/13/91   |
| 001977038 | 57590             | 30SD          | 212    | CAPACITOR | 39   | I 09/14/91   |
| 001977039 | 57575             | 30SD          | 158    | CAPACITOR | 39   | I 09/14/91   |
| 001977040 | 57577             | 30SD          | 124    | CAPACITOR | 39   | I 09/14/91   |
| 001977041 | 57574             | 30SD          | 156    | CAPACITOR | 39   | I 09/14/91   |
| 001977042 | 57572             | 30SD          | 114    | CAPACITOR | 39   | I 09/14/91   |
| 001977043 | 57576             | 30SD          | 218    | CAPACITOR | 39   | I 09/14/91   |
| 001977044 | 57563             | 85SD          | 554    | CAPACITOR | 39   | I 09/02/91   |
| 001977045 | 57564             | 850P          | 468    | CAPACITOR | 39   | I 09/02/91   |
| 001977.46 | 57593             | 55SD          | 302    | CAPACITOR | 39   | I 09/02/91   |
| 001977047 | 57565             | 55 <i>S</i> D | 252    | CAPACITOR | 39   | I 09/02/91   |
| 001977048 | 60291K            | 55SD          | 442    | CAPACITOR | 39   | I 09/02/91   |
| 001977049 | 60291B            | 55SD          | 426    | CAPACITOR | 39   | I 09/02/91   |
| 001977050 | 57592             | 55 <b>S</b> D | 286    | CAPACITOR | 39   | I 09/02/91   |
| 001977051 | 57562             | 55SD          | 272    | CAPACITOR | 39   | I 09/02/91   |
| 001977052 | 60291F            | 55SD          | 392    | CAPACITOR | 39   | I 09/02/91   |
| 001977053 | 60291E            | 55SD          | 350    | CAPACITOR | 39   | I 09/02/91   |
| 001977054 | 60291J            | 55SD          | 474    | CAPACITOR | 39   | I 08/31/91   |
| 001977055 | 60291H            | 55SD          | 408    | CAPACITOR | 39   | I 08/31/91   |
| 001977056 | 60291D            | 55 <b>S</b> D | 358    | CAPACITOR | 39   | I 08/31/91   |
| 001977057 | 602911            | 55SD          | 392    | CAPACITOR | 39   | I 08/31/91   |
| 001977058 | 60291C            | 55SD          | 390    | CAPACITOR | 39   | I 08/31/91   |
| 001977059 | 60291A            | 55SD          | 410    | CAPACITOR | 39   | I 08/31/91   |
| 001977060 | USW3              | 55SD          | 572    | CAPACITOR | 39   | I 08/31/91   |
| 001977061 | 60291G            | 55SD          | 406    | CAPACITOR | 39   | I 08/31/91   |
| 001977062 | 31949A            | 55SD          | 334    | CAPACITOR | 39   | I 08/31/91   |
| 001977063 | 319 <b>4</b> 9B   | 55SD          | 332    | CAPACITOR | 39   | I 08/31/91   |
| 001977064 | USW10             | 55SD          | 512    | CAPACITOR | 39   | I 08/31/91   |
| 001977065 | USW13             | 55SD          | 420    | CAPACITOR | 39   | I 08/31/91   |
| 001977066 | USW9              | 55SD          | 548    | CAPACITOR | 39   | I 08/31/91   |

PROGRAM-ID: PTR1722 ROLLINS ENVIRONMENTAL SERVICES (TX) INC

RUN DATE : 10/25/91 CERTIFICATE OF DISPOSAL

RUN TIME : 9:07 AM PAGE: 2 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Certificate of Disposal Stream Order Invoice Manifest Received Final Name and Address Number Number Pounds Number Date Disposal \*

TIPTON ENVIRONMENTAL TECHNO 043593 132577 42,260 TX00557000 08/20/91 10/20/91

| Inventory | Customer's Unique |               |        | NER       | Suff |    | -    | posal   |
|-----------|-------------------|---------------|--------|-----------|------|----|------|---------|
| Cntrl Nbr | Serial Number     | Type          | Pounds | Contents  | Code | TO | Mthd | Date    |
| 001977067 | USWl              | 55SD          | 730    | CAPACITOR | 39   |    | I 0  | 3/31/91 |
| 001977068 | USW12             | 55SD          | 694    | CAPACITOR | 39   |    | I 0  | 3/31/91 |
| 001977069 | USW5              | 55 <b>S</b> D | 332    | CAPACITOR | 39   |    | I 08 | 3/31/91 |
| 001977070 | n2M1              | 55 <i>S</i> D | 592    | CAPACITOR | 39   |    | I 09 | 3/31/91 |
| 001977071 | USW7              | 55 <b>S</b> D | 512    | CAPACITOR | 39   |    | I 08 | 3/31/91 |
| 001977072 | USW2              | 55 <i>S</i> D | .640   | CAPACITOR | 39   |    | I 98 | 3/31/91 |
| 001977073 | USW6              | 55SD          | 508    | CAPACITOR | 39   |    | I 08 | 3/31/91 |
| 001977074 | USW8              | 55SD          | 526    | CAPACITOR | 39   |    |      | 9/02/91 |
| 001977075 | USW11             | 55SD          | 476    | CAPACITOR | 39   |    |      | 9/02/91 |
| 001977076 | 11422             | 55SD          | 440    | CAPACITOR | 39   |    | I 03 | 7/02/91 |
| 001977077 | 1141              | 55SD          | 102    | CAPACITOR | 39   |    | I 09 | 9/02/91 |
| 001977078 | 1155              | 55SD          | 196    | CAPACITOR | 39   |    |      | 3/31/91 |
| 001977079 | 11383             | 55SD          | 370    | CAPACITOR | 39   |    |      | 3/31/91 |
| 001977080 | 1147              | 55SD          | 174    | CAPACITOR | 39   |    |      | 3/31/91 |
| 001977081 | 1146              | 55SD          | 244    | CAPACITOR | 39   |    |      | 3/31/91 |
| 001977082 | 11421             | 55SD          | 52     | CAPACITOR | 39   |    |      | 3/30/91 |
| 001977083 | 1143              | 55SD          | 342    | CAPACITOR | 39   |    |      | 3/30/91 |
| 001977084 | 1152              | 55SD          | 366    | CAPACITOR | 39   |    |      | 3/30/91 |
| 001977085 | 11381             | 55SD          | 332    | CAPACITOR | 39   |    |      | 3/30/91 |
| 001977086 | 1150              | 55SD          | 446    | CAPACITOR | 39   |    |      | /02/91  |
| 001977087 | 11382             | 55SD          | 392    | CAPACITOR | 39   |    |      | 7/02/91 |
| 001977088 | 5853              | 55SD          | 254    | CAPACITOR | 39   |    |      | 7/02/91 |
| 001977089 | 5851              | 55SD          | 216    | CAPACITOR | 39   |    |      | 7/02/91 |
| 001977090 | 5852              | 55SD          | 248    | CAPACITOR | 39   |    |      | /02/91  |
| 001977091 | 305733            | 55SD          | 456    | CAPACITOR | 39   |    |      | /02/91  |
| 001977092 | 3059005           | 55SD          | 380    | CAPACITOR | 39   |    |      | 7/19/91 |
| 001977093 | 3059004           | 55SD          | 446    | CAPACITOR | 39   |    |      | /19/91  |
| 001977094 | 3059002           | 55SD          | 448    | CAPACITOR | 39   |    | I 10 | )/20/91 |
| 001977095 | 3059003           | 55SD          | 446    | CAPACITOR | 39   |    |      | 7/19/91 |
| 001977096 | 3059007           | 55SD          | 446    | CAPACITOR | 39   |    |      | /20/91  |
| 001977097 | 3059006           | BOX           | 1,712  | CAPACITOR | 39   |    | I 09 | 7/13/91 |
| 001977098 | 305722            | BOX           | 2,678  | CAPACITOR | 39   |    | I 09 | 7/13/91 |
| 001977099 | 305721            | BOX           | 3,066  | CAPACITOR | 39   |    | I 09 | 9/14/91 |

Total Containers: 67 42,018

PROGRAM-ID: PTR1722 ROLLINS ENVIRONMENTAL SERVICES (TX) INC RUN DATE : 10/25/91 CERTIFICATE OF DISPOSAL

RUN TIME : 9:07 AM PAGE:

\* Disposal Methods :

\* 'I' - Waste that was incinerated.

\* 'L' - Waste that was landfilled.

\* Disposal Facility : ROLLINS ENVIRONMENTAL SERVICES (TX) INC

\* (Incinerated Waste) PO BOX 609

\* DEER PARK TX 77536

\* EPA ID: TXD055141378

Under civil and criminal penalties of law for making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Please call (713) 930-2317 if there are any questions concerning the information on this Certificate of Disposal.

/\ Authorized Agent

ROLLINS ENVIRONMENTAL SERVICES (TX) INC

Other Addressees

P.Tandler J.Burroughs

CERRO COPPER PRODUCTS CO.

File

INTERNAL MEMORANDUM

To: Roy Thompson

Date: May 14, 1991

From: J. M. Grana

Subject: Annual PCB Record Update

As required by TSCA regulations, you update the PCB log sheet by July 1. During 1990 there was extensive removal of PCB material from Cerro as the result of the Dead Creek cleanup. Below for your records is the following data.

16,971.6 Tons of PCB contaminated (PCB ppm>50ppm) soil and sediment was removed from Cerro. This equates to 33,943,200 lbs or 15,396,395 kg.

All the PCB material was disposed of in Chemical Waste Management's Emelle Alabama landfill.

JM ST

INSTRUCTIONS FOR THE COM-PLETION OF THIS FORM ARE ON A SEPARATE SHEET.

THIS DOCUMENT MUST BE USED ... FOR ALL MISSOURI-DESTINED SHIPMENTS

Division of Environmental Quality P.O. Box 176 Jefferson City Missouri 65102

HAZARDOUS WASTE MANIFEST

EMERGENCY RESPONSE U.S. COAST GUARD 1-800-424-8802

CHEM TREC 1-800-424-9300 DEPT. OF NATURAL RESCHE-314-834-2434

| WASTE MANIFE   | OUS Generators  ST 1 L D 0 8   | US EPA ID NO. 18 19 1 4         | Manifest OcupenyNon       | 2. Page Sinform               | omb No. 2050-0039, Expires 9-3 nation in the shaded areas ulred by State law. |
|--|--|---------------------------------|---------------------------|-------------------------------|---|
| 0 B01 66600<br>7, L0018, 80 6310<br>Generator's Prione 618                   | 7-6000   | Such n                          | A SOUTHERN<br>1201        |                               |   |
| Transporter 1 Company Name  RARSTEC CRY I RORDED  Transporter 2 Company Name | TAL, ISC.  | O H D B 7                       | 1 2 8 3 8                 | <u>.</u>                      |   |
| PRINCES EXILY NAME AND SULF. NI - RAST SULF 50 IP708 - 190 x 65081           | L'TECHROLOGIES   | .; 10. US EPA ID Number         |                           |                               |   |
| tardous Substance  | oper Shipping Name, Hazard Class, the character of the ch | and ID Number)                  | 12. Contain               | Total Quantity                | £34.<br>EUnit<br>WI/Vol.  |
| sardors Substance  | iphenyle), RO O A<br>e, liquid, n.o.e,<br>iphenyle), RO O A  | ORM-E: NA9185                   | Mary State Comment        | 10651S                        |   |
| Sardous Substance  | polidia.o.s.,  | OPH-B: NA9188:                  | 00                        | ) M , P ( P P                 |   |
|  |  |                                 |                           |                               |   |
|  |  |                                 |                           |                               |   |
| 496210 (2000)  |  |                                 |                           |                               | 70  |
| OR, If I am a small quantity generator                                       | proper condition for transport by high<br>certify that "Lating", account in plac-<br>able grethod of transport, storage, or<br>I have made a good taith effort to min  | imize my waste generation and a | elect the Sest waste mana | gement method available to me | that I can afford.  |
|  | Receipt of Materials   |                                 |                           |                               | D712912   |
| Printed/Typed Name   | Homen  | Sociative SV                    | 11-65                     | 1 miles                       | Month Day Ye  |
|  | <u>表示更多。 图 数据 44年,中国第四次的</u> 是   | WANTED AND A PROPERTY OF        |                           | 17/10                         | <del></del>   |
| Transporter 2 Acknowledgement of<br>Printed/Typed Name                       | Receipt of Materials   |                                 |                           |                               | Date  Month Day Ye  |
| Transporter 2 Acknowledgement of Printed/Typed Name                          | Receipt of Materials   | Signature a                     | MACHEN TO SERVICE STATES  |                               | Month Day Ye  |

RO NUMBER 30570

# TRANSTEC

1501 RAFF ROAD N. CANTON, OHIO 44/10

| rractor: 7287 Empty-Miles  | L 216-4/7-6888   |
|--|--|
| Total Miles Pick-up Date 7-91 Time   | Delivery DateTime  |
| Bill To: Shipper: Council Congression  | Consignee: T. Man Man Man Man Man Man Man Man Man Man  |
| Capo Conon Alton + S   | outhour Teacher Tinton Mo  |
| P.C. Box 66800   | 22011 11 11 11 11 11 11 11 11 11 11 11 11  |
|  |  |
| Attn: Contact: Mike Moldous.   | Contact:   |
| If trip is less than 150 miles Phone: 3/2-337-6000 EA  | $\frac{1}{241}$ Phone: $\frac{1}{216} - \frac{1}{233} - \frac{1}{5} = \frac{1}{255}$   |
| Start Time: Cust. P.V.   | Cust. Del  |
| Pinish Time: Directions:   | Directions:  |
| CST: USE BACK OF FORM FOR ADDITIONAL COMMENTS OR BREAKDOWN OF ON SITE ATTIVE 2-8   |  |
| HOURS.   | Arrive   |
| COMMENTS: 20 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2   | Finish   |
|  | Consignee Signature:   |
| - I - I - I - I - I - I - I - I - I - I  | The state of the s |
| Date: 9=91 Time: 11:45   | Date:Time:   |
| Driver Signature.  |  |
| ALL DEATHER MICH HAVE COME TO MICH THE PROPERTY OF A PROPE | TATES CARRY AN EMPTY SALVAGE DRUM.   |

| Hazard<br>Mat. |                   | Gal lbs.<br>Drums                        | Commodity  | Type of<br>Placard | Safety/Special Instructions  | Circle<br>PCB Level |
|----------------|-------------------|--|--|--------------------|--|---------------------|
| 105            | 6                 | CARRO                                    | CANACI DAS   | PCB                | 5 PCL HANDline   | G B R               |
| J. Ministry A  | The second second |  | Commence of the Park of the Pa | <del>e</del> st :  |  | GBR                 |
|                |                   |  |  |                    | A Comment of the   | GBR                 |
|                |                   |  |  |                    | The state of the s | GBR                 |
|                |                   | material and property of the contract of | me and the state of the state o | A Property         |  | GBR                 |

(A) PRIVERS ARE RESPONSIBLE FOR CHECKING HAZARDOUS AND FUEL PERMITS BEFORE DEPARTURE

(B) T CALL DISPATO DISCREPANCE TWEEN WORK ORDER AND ON SITE ITEMS

TE .51-2600PPM; R - RED 2601-OVER PPM DO NOT MIX!

Date 7-/-94

# CERRO COPPER PRODUCTS CO. Sauget, Illinois 62202

# PCB ANNUAL DOCUMENT

|                               | L    | Removed From In Storage In Transport<br>Service for Disposal for Disposal |      |  | In Service at of Year |     |      |    |
|-------------------------------|------|---|------|--|-----------------------|-----|------|----|
| CBs/PCB Items in Containers . | NOWE |   | NONE |  | NONE                  |     | NONE |    |
| CB Transformers               | //   | 11  | ('   |  | R                     | :// | 11   | // |
| CB Capacitors                 | 1    | ; .   |      |  | /'                    | h   | 11   | /  |

Date 6 - 4 93

# CERRO COPPER PRODUCTS CO. Sauget, Illinois 62202

# PCB ANNUAL DOCUMENT

|                             | Removed From In Storage In Transport<br>Service for Disposal for Disposal |      |    | ice at End<br>f Year |      |            |      |    |
|-----------------------------|---|------|----|----------------------|------|------------|------|----|
| CBs/PCB Items in Containers | N   | C NE | NO | NE                   | NONE |            | NONE |    |
| CB Transformers             | 10  | ) )  | 11 | 71                   | 11   | # <i>X</i> | 10   | // |
| CB Capacitors               | / i   | }/   | // | 11                   | 7.1  | ) (        | 11   | ), |

# CERRO COPPER PRODUCTS CO. Sauget, Illinois 62202

#### PCB ANNUAL DOCUMENT

|                             | Removed From<br>Service | In Storage<br>for Disposal | In Transport<br>for Disposal | In Service at End<br>of Year |
|-----------------------------|-------------------------|----------------------------|------------------------------|------------------------------|
| CBs/PCB Items in Containers | NOWE                    | NON                        | NONE                         | NONE                         |
| CB Transformers             | NONE                    | NOWE                       | WONE                         | NONE                         |
| CB Capacitors               | NONE                    | NONE                       | NONE                         | WONE                         |

(A) Tube Mill South & Tube Mill North

(B) Induction Heaters at Press

Date 6 - 25-9/

# CERRO COPPER PRODUCTS CO. Sauget, Illinois 62202

#### PCB ANNUAL DOCUMENT

|                             | Removed From<br>Service                  | In Storage<br>for Disposal | In Transport<br>for Disposal                                  | In Service at End<br>of Year           |  |  |
|-----------------------------|--|----------------------------|---|--|--|--|
| CBs/PCB Items in Containers | 15,396,395<br>REMOVED FROM<br>DEAD CREEK |                            | 15,396,3 95KG<br>CHEMICAL WASTE<br>EMELLE ALABAMA<br>LANDFIII |  |  |  |
| CB Transformers             | NONE                                     | NONE                       | NONE  | NONE                                   |  |  |
| CB Capacitors               | NONE                                     | わりんご                       |   | WEIGHT PER CAP.<br>3148 KG<br>65 TOTAL |  |  |

A Tubo Mill South & Tubo Mill North

(B) Induction Heaters at Press

Boy Champson
65 CAFICATOR
REMOVED FROM
PLANT 7-9-91

# CERRO COPPER PRODUCTS CO. Sauget, Illinois 62202

#### PCB ANNUAL DOCUMENT

|                            |    | Removed From Service |    | Storage<br>Disposal |    | ansport<br>isposal | In Service at End<br>of Year |                       |  |
|----------------------------|----|----------------------|----|---------------------|----|--------------------|------------------------------|-----------------------|--|
| 3s/PCB Items in Containers | N  |                      |    | NONE                |    | NE                 | NONE                         |                       |  |
| 3 Transformers             | CI | ) )                  | 11 | )                   | 11 | 11                 | 11                           | 1)                    |  |
| Capacitors                 | (1 | ) 1                  | 11 | /)                  | /1 | 11                 | WEIGH<br>3148<br>65          | T PERCAP. KILOGRAM  B |  |

(A) Tube Mill South & Tube Mill North

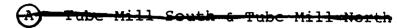
(B) Induction Heaters at Press

Date 6-30-89

# CERRO COPPER PRODUCTS CO. Sauget, Illinois 62202

#### PCB ANNUAL DOCUMENT

|   | Removed From<br>Service<br>NonE |     |      | Storage<br>Disposal | In Tran |    | In Service at Endo    |                        |  |
|---|---------------------------------|-----|------|---------------------|---------|----|-----------------------|------------------------|--|
| PCBs/PCB Items in Containers . PCB Transformers |                                 |     | NONE |                     | No.     | WE | NONE                  |                        |  |
|   | CI                              | ) ) | 11   | ) )                 | 11      | 11 | 11                    | 11                     |  |
| PCB Capacitors                                  | U                               | ) 1 | 11   | /)                  | //      | )  | WEIGHT<br>3148K<br>65 | PERCAP<br>LLOGRAM<br>B |  |



B Induction Heaters at Press

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Date 6-3-88

# CERRO COPPER PRODUCTS CO. Sauget, Illinois 62202

#### PCB ANNUAL DOCUMENT

|                             | Removed From<br>Service | In Storage<br>for Disposal | In Transport<br>for Disposal | In Service at<br>of Year        |  |  |
|-----------------------------|-------------------------|----------------------------|------------------------------|---------------------------------|--|--|
| CBs/PCB Items in Containers | NONE                    | NOWE                       | NONE                         | NONE                            |  |  |
| CB Transformers             | (( /)                   | 11 21                      | 10 /1                        | 10 11                           |  |  |
| CB Capacitors               | NONE                    | NONE                       | NONE                         | WEIGHT PER. CA<br>31.18 KILDGRA |  |  |

(B) Induction Heaters at Press

Loy Lhompson

Date 5-1-87

# CERRO COPPER PRODUCTS CO. Sauget, Illinois 62202

# PCB ANNUAL DOCUMENT

|                             | Removed From<br>Service | In Storage<br>for Disposal | In Transport<br>for Disposal | In Service at of Year                 |  |  |
|-----------------------------|-------------------------|----------------------------|------------------------------|---------------------------------------|--|--|
| CBs/PCB Items in Containers | NONE                    | NONE                       | NONE                         |                                       |  |  |
| CB Transformers             | C1 11                   | 11 1)                      | 10 11                        | . // //                               |  |  |
| CB Capacitors               | NONE                    | NONE                       | NONE                         | WEIGHTPER.CA<br>31.18KILOGRA<br>65 (E |  |  |

B Induction Heaters at Press

Rey Gliompson

| AILER CHICA( . ) A MEMI            | OPPER PRESER OF THE MAR. AUGET, ILLIN | MON GI |              | Co. |          | Nº                  | 71ck               |         | 746    | :           |
|------------------------------------|---------------------------------------|--------|--------------|-----|----------|---------------------|--------------------|---------|--------|-------------|
| No. IDENTIFICATION  174 10 41 8 14 | <b>#</b> -•                           | 0      | 3            | 4   | 8<br>WEI |                     | 0                  | 4       | lbs. ( | TRET        |
| क्षांत भ्याः ।०                    | \$09.4                                | 0      | 4            | 6   | 5        | 8                   | 0                  | 4       | lbs.   | TARE        |
|                                    |                                       |        |              | -1  | 1        | 16                  | O                  |         | lbs.   | ,<br>NET    |
| From:                              |                                       |        | <u>C</u> į   | 110 | NC.      | <del>ن</del><br>الم | TWO<br>MYLLI<br>MO |         | STICL! | ۷           |
| Load of:                           | Wei                                   | gher ( | TE/<br>Out)_ | 1   | Wa       | 24.1<br>M           | ن<br>در ا<br>ه     | 1 (     | 足      | · · · · · · |
| B/L Weight                         |                                       |        | •            | •   |          |                     | CI<br>Ra           |         | ER     | <u>5</u>    |
| Remarks:                           |                                       | ,      | i            |     |          |                     |                    | ow<br>d |        | 님           |



#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

#### **REGION 5**

#### 230 SOUTH DEARBORN ST. CHICAGO, ILLINOIS 60604

REPLY TO THE ATTENTION OF 5S-P&TSB-16

JUL 2 9 1985

Mr. Paul Tandler Vice President, Manufacturing CERRO Copper P.O. Box 681 East St. Louis, Illinois 62202

Dear Mr. Tandler:

The U.S. Environmental Protection Agency (U.S. EPA) is engaged in a nationwide program of inspections to determine compliance with the final Rule for Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions. These regulations are set forth in 40 CFR 761 (Federal Register, May 31, 1979, pp. 31514-68 and amended by the Federal Register of August 25, 1982).

Section 11 of the Toxic Substances Control Act (TSCA, 15 USC 2601 et seq.) provides the authority for inspections in administering the PCB Regulations.

It is our understanding that your company possibly handles or has handled PCBs in its operations which are defined to include PCB chemical substances, PCB mixtures, PCB articles, PCB equipment, PCB containers, etc. Inspectors Greg Czajkowski and Marcie Kleban will meet with you on Tuesday, August 6, 1985, at approximately 2:00 p.m. to inspect your facility. If you have any questions, please call me at (312) 353-2291.

Sincerely,

John Connell, Chief PCB Unit

Toxic Substances Section

buier on PCB's - please have them available for they westery.

| use print or type. (Form designed for use on elite (12-pitch) typewrite  | er.)                              |                                    |                  | Form       | Approv     | ed. OMB N                 | lo. 2000-             | 0404. Expires 7-31-86              |
|--|-----------------------------------|------------------------------------|------------------|------------|------------|---------------------------|-----------------------|------------------------------------|
| UNIFORM HAZARDOUS 21 Generator'S US E WASTE MANIFEST 1JILD08001  | PA ID No                          | Manifest Doc                       |                  |            | age 1      | Informa                   | tion in 1             | the shaded areas<br>by Federal law |
| Generator's Name and Mailing Address     Cerro Copper  | -                                 |                                    |                  |            |            | nifest Doc                |                       | Number                             |
| Highway 3, Nississippi Ave. Alt<br>4. Generator's Phone (618 ) 337-6000  | on & Sout<br>Sauget,              |                                    |                  | B. St      | ate Ge     | nerator's l               | ID                    |                                    |
| 5. Transporter 1 Company Name  | <u>_</u>                          | JS EPA ID Numbe                    |                  | C. Si      | ate Tra    | nsporter's                | s ID                  |                                    |
| Chicago Industrial Waste Haulers   | ILD98                             | 0794960                            | <del>.</del>     |            | <u>-</u> - | ter's Pho                 |                       | 13) 371-405                        |
| 7. Transporter 2 Company Name  | 8. L                              | JS EPA ID Numbe                    | r                |            |            | nsporter's                |                       |                                    |
| Designated Facility Name and Site Address  | 10. L                             | JS EPA ID Numbe                    | · f              |            |            | ter's Phor<br>cility's ID | 16                    |                                    |
| PCB Inc., of Missouri  |                                   |                                    | •                |            |            |                           |                       |                                    |
| 45 Ewing St.   | •                                 |                                    |                  | H. F       | acility's  | Phone                     |                       |                                    |
| Kansas City, Ks. 66108   | KSD9                              | 80963565                           | 40.0             | <u>L</u> , |            | <u>) 371-</u>             |                       |                                    |
| 11. US DOT Description (Including Proper Shipping Name,  | Hazard Class a                    | nd ID Number)                      | 12. Conta<br>No. | Type       | _ T        | i3.<br>otal<br>antity     | 14.<br>Unit<br>Wt/Vol | Waste No.                          |
| RQ WASTE POLYCHLORINATED BIPHE   | NYLS                              |                                    |                  |            |            |                           | 1                     |                                    |
| (OIL) ORM-R UN2315 (RQ-10  | /4.54)                            |                                    | 001              | TT         | 11         | . 10                      | G                     |                                    |
| 0.   |                                   | •                                  |                  |            |            |                           |                       |                                    |
|  |                                   | ····                               |                  |            |            |                           |                       |                                    |
|  |                                   | ,                                  |                  |            |            |                           |                       |                                    |
| 1.   |                                   |                                    |                  |            |            |                           |                       | <del> </del>                       |
|  |                                   |                                    |                  |            |            |                           |                       |                                    |
| J. Additional Descriptions for Materials Listed Above  |                                   |                                    | L                | К На       | ndling     | Codes for                 | Waste                 | s Listed Above                     |
|  |                                   |                                    |                  |            |            |                           |                       | 3 2.0.02 7 20 70                   |
|  |                                   |                                    | ļ                |            |            |                           |                       |                                    |
|  |                                   |                                    | ·                |            |            |                           |                       |                                    |
| 15. Special Handling Instructions and Additional Informati   | on                                |                                    | <del></del>      |            |            |                           |                       |                                    |
| CONTACT (605) 256-6254 IF SPILE CONTACT/DAM UP SPILLS/PREVENT W.   |                                   |                                    | Person           | AL         |            |                           |                       |                                    |
| 16. GENERATOR'S CERTIFICATION: I hereby declare the shipping name and are classified, packed, marked, as   | at the contents                   | of this consignm                   | nent are fu      | lly and    | accura     | ately desi                | cribed a              | above by proper                    |
| to applicable international and national government re<br>Unless I am a small quantity generator who has been  | gulations.                        | ,                                  |                  |            |            | •                         | , ,                   | , ,                                |
| under Section 3002(b) of RCRA, I also certify that I had I have determined to be economically practicable and which minimizes the present and future threat to hum | ve a program ii<br>I have selecte | n place to reduce ed the method of | the volume       | and to     | oxicity o  | of waste o                | generate              | ed to the degree                   |
| Printed/Typed Name   |                                   | ignature                           | <del></del>      |            |            |                           | -                     | Month Day Year                     |
| Corro Consor   |                                   |                                    |                  |            |            |                           |                       | 17 X 1/1 E                         |
| 17. Transporter 1 Acknowledgement of Receipt of Materi   |                                   |                                    |                  |            |            | ·>-                       |                       |                                    |
| Printed/Typed Name   | s                                 | ignature                           | 1                | 4. 7       |            |                           | ĺ                     | Month Day Year                     |
| 18. Transporter 2 Acknowledgement of Heceipt of Materi   | als Miller                        |                                    | <u> </u>         | ····       | <u></u>    | -                         |                       |                                    |
| Printed/Typed Name   | S                                 | ignature                           |                  |            |            |                           |                       | Month Day Year                     |
| 19. Discrepancy Indication Space   |                                   |                                    |                  |            |            |                           |                       |                                    |
|  |                                   |                                    |                  |            |            |                           |                       |                                    |
|  |                                   |                                    |                  |            |            |                           |                       |                                    |
| 20. Facility Owner or Operator: Certification of receipt of t  |                                   |                                    | his manife       | st exc     | ept as r   | oted in It                |                       |                                    |
| Printed/Typed Name   | Si                                | gnature                            |                  |            |            |                           | 1                     | Month Day Year                     |

#### PCB ANNUAL DOCUMENT

|                             | Removed From<br>Service | In Storage<br>for Disposal | In Transport<br>for Disposal | In Service at of Year               |
|-----------------------------|-------------------------|----------------------------|------------------------------|-------------------------------------|
| CBs/PCB Items in Containers | NONE                    | NONE                       | NONE                         | NONE                                |
| CB Transformers             | (( ))                   | 10 11                      | (1 )1                        | 11 11                               |
| °CB Capacitors              | NOWE                    | NONE                       | NONE                         | WEIGHTPER.CA<br>31.18KILOGRA,<br>65 |

B Induction Heaters at Press

EPA ID MOD#980633044

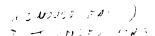
P.C.B., INC. OF MISSOURI



# **Certificate of Destruction**

| P.C.      | B., Inc. | Of Missou    | ıri has     | destroyed w     | aste         | rec  | :eiv- |
|-----------|----------|--------------|-------------|-----------------|--------------|------|-------|
| ed fr     | om       | CERRO COPPEI | ?           |                 |              |      |       |
| as id     | entified | in hazardo   | ous Wa      | aste Manifes    | t#_          | 3860 |       |
| and       | hereby   | certifies    | such        | destruction     | as           | of   | this  |
| 24th      | 1        | _day of _    | Septembe    | er 198 <u>6</u> |              |      |       |
| Generator | Cerro    | Copper       |             | By A.C. Schamel | hon          | ک.   |       |
| Address _ | P.O. I   | Box 681      | <del></del> | Title President | <del> </del> |      |       |

East St. Louis, IL 62202



LPC 62 8/81

| 3.0   |  | ASTE MA   |  |  |  |  | <del>-</del>  | A Mir-  | is Manifest  | Minois law.  | t Number   |
|---|--|---|--|--|--|--|---|---|--|--|--|
| C   | erro (   | COPPER P  | PODUCT   | s co.  |  |  |   |   | <b>§179</b>  | 178  |  |
| P   | .O. B  | ox 681,   |  |  |  | 02   |   | B.Illino  |  |  | -  |
| _   |  | 's Phone (  | 618  | ) 337  | -6000  |  |   | ID.   | erator's 1   | 631  | 2100   |
|   | ransport<br>SPCI   | er 1 Compar   | y Name   | -  |  | 6. US EPA ID N<br>OED981514474   | mber  |   | ois Tranport   |  |  |
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| •   | Порог  | .o opa  | iy i valita  |  |  | 1 OS EL A ID IN  |   | F.  | ) <u></u>  |  | ransporter's P   |
|   |  | d Facility Na   | me and Si  | te Address   | <br>S  | 10. US EPA ID N  | mber  | Gilling   | xis  |  | JA 300   |
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| 11.   |  | Description   | (Including   | Proper S   | hipping Name, I  | Hazard Class, and ID Nur   | i   | ntainers  | 13.<br>Total   |  | Wasta  |
| a   | HM   | Inuta Ha  | zardou   | e Suber  | tence lie  | iid N.O.S.   | No.   | Туре  | Quantit  | www.   | EPA HW N   |
| _   |  | DRM-E. N  | 49188  | (Police)   | bloringted   | i Biphenyla) RQ  |   |   |  |  | XXX  |
|   |  |   | 011  | <b>,,</b>  |  | - orposition ad  | 18  | D M   | 9.9  | 7.0G   | Authorization  |
| b.  |  |   |  |  |  |  |   |   |  |  | U EPA HW N   |
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| C.  |  |   |  |  |  |  |   |   |  |  | XX   |
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|   | i I  |   |  |  | -  |  |   |   |  |  | " EPA HW N   |
| _   |  |   |  |  |  |  |   |   |  |  | $XX_{}$  |
|   | Additiona  | l Descriptions  | for Mater  | als Listed   | Above  |  |   | In It   | dling Codes<br>em #14<br>Gallons   | •  | Authorization  s Listed Above  Cubic Y   |
| 4 3 4 3 1 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 |  |   |  | as from the  | Above  | PICK-UP SI   | K: Hay.   | 1 = 1   | em #14<br>Gallons  | 2  | Authorization  S Listed Above  Cubic Y   |
| 15.<br>D                                      | Special Lke ar   | Handling Instituted Contact   | uctions an   | d Addition   | al information of energe   | ency   | Sauge   | 3, A1   | em #14<br>Gallons<br>ton & S   | 2<br>Souther   | Authorization s Listed Above Cubic Y   |
| 15.<br>D:                                     | Special Lke ar   | Handling Insti  | uctions an<br>in I   | d Addition   | al information of emerge John Swa  | ency<br>Inson Contact PE   | Sauge<br>SON: Day   | 3, Al   | ton & S  | 2<br>Souther<br>Thomp  | Authorization s Listed Above = Cubic Y  The Tracks  Son 6618   |
| 15.<br>D:                                     | Special<br>Lke at<br>1 CBS   | Handling Instituted contains of spi   | uctions and in It il. co   | d Additions A case Ontact:   | al information of emerge John Sea -221-6826  | ency<br>Inson CONTACT PEI<br>PICK-UP DATE  | Sauge<br>RSON: Day<br>TE:10/22/   | 3, Alat, IL   | ton & S  | outher Thomp   | Authorization s Listed Above = Cubic Y  The Tracks  Son 6618   |
| 15.<br>D:                                     | Special Lea at a Caso  | Handling Instituted contains of spilaron's CERT   | uctions and In It II. ce   | d Additional Case Ontact: 1: 816- 1: I hereby delassified, p   | al Information of energe John Swa -221-6826 eclare that the co   | PICK-UP DA' ontents of this consignment and labeled, and are in all re   | Sauge<br>LSON: Day<br>TE:10/22/<br>are fully and a<br>spects in prop  | 3, Alat, II.  | ton & S ham/Roy PCE  | Couther Thomp MANIF  | Authorization s Listed Above = Cubic Y  The Tracks  Son 6618   |
| 15.<br>D:                                     | Special Lee as 1 Caso GENER, proper shighway   | Handling Instituted Contains of spilar ATOR'S CERT Shipping name according to   | uctions and In It III. Co  | d Addition  Case  Ontact:  1 Neeson  lassified, p  | al information of energe John Swa -221-6826 eclare that the coacked, marked, and and national  | PICK-UP DA'  ontents of this consignment and labeled, and are in all re government regulations, and  | Sauge<br>LSON: Day<br>TE:10/22/<br>are fully and aspects in prop<br>Illinois regula   | 3, Al It, II. 87 87 87 87   | ton & S ham/Roy PCE described at ion for trans   | Thomp MANIF  | Authorization s Listed Above Cubic Ya  |
| 15.<br>D:                                     | Special Least Case GENER, proper shighway Unless 3002(b)   | Handling Instituted Contains of Spilar ATOR'S CERT thipping name according to I am a small gion from A I also of RCRA. I also   | uctions an In It It It It It It It It It It It It It   | d Additions  Case  Ontact: 1: 816- 1: hereby d lassified, p internation erator who hat I have  | al Information of emerge John Swa -221-6826 eclare that the coacked, marked, a nal and national of has been exempt a program in pla  | PICK-UP DA' ontents of this consignment and labeled, and are in all re government regulations, and ted by statute or regulation fi ce to reduce the volume an  | Sauge<br>RSOH: Day<br>TE: 10/22/<br>are fully and as<br>spects in prop<br>illinois regula<br>om the duty to<br>d toxicity of w.                   | 3, Al II. re Dur 87  curately er condit tions. make a waste gene                          | ton & S ham/Roy PCE described at ion for trans aste minimizerated to the               | Thomp MANIF cove by port by cation certific degree in the categories of the categori | Authorization  s Listed Above  Cubic Y  Tracks  soon #618  RST   |
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| 15.<br>D:                                     | GENER, proper shighway 1 Unless 3002(b) economithreal to   | Handling Instituted Contains of SP1.  ATOR'S CERT Thipping name according to lam a small go of RCRA, I alinically practically | uctions and In III. Complete and are complicable and I is able and I is and the  | d Additional Case Ontact: 816- : I hereby d lassified, printernation erator who hat I have shave selecte environment   | al information of energe John Sea -221-6826 eclare that the coacked, marked, and and national has been exempt a program in placed the method of it.  | PICK-UP DA' ontents of this consignment and labeled, and are in all re government regulations, and ted by statute or regulation fi ce to reduce the volume an  | Sauge<br>RSOH: Day<br>TE: 10/22/<br>are fully and as<br>spects in prop<br>illinois regula<br>om the duty to<br>d toxicity of w.                   | 3, Al II. re Dur 87  curately er condit tions. make a waste gene                          | ton & S ham/Roy PCE described at ion for trans aste minimizerated to the               | Thomp MANIF cove by port by cation certific degree in the categories of the categori | Authorization  s Listed Above  Cubic Y  Tracks  soon 6618  RST   |
| 15.<br>D:                                     | Special Lea as GENER, proper s highway Unless 3002(b) econom threat t  | ATOR'S CERT Shipping name according to lam a small groot RCRA, I also to human healt  | in III. Constitution of the second of the se | d Additions  Case  ORTACT: I hereby I hereby Internation erator who hat I have a have selecte environmen   | al information of energe John Swa -221-6826 eclare that the coacked, marked, anal and national phas been exempt a program in placed the method of it.  | price  | Sauge<br>RSOH: Day<br>TE: 10/22/<br>are fully and as<br>spects in prop<br>illinois regula<br>om the duty to<br>d toxicity of w.                   | 3, A1  28, IL  287  Courately er condit tions.  make a waste gene vailable to             | ton & S ham/Roy PCE described at ion for trans aste minimizerated to the               | Thomp MANIF cove by port by cation certific degree in the categories of the categori | Authorization s Listed Above Cubic Y Tracks Soon 6618 Tracks Soon 6618 The present and Date Month Date 110 2   |
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217/782-6761

Date: SEP 8 1986

Dear Environmental Coordinator:

The enclosed manifest copy was sent to us in error. The Illinois Environmental Protection Agency should be sent only the green - Part 5 copy by the company generating the waste, and only the yellow - Part 2 copy from the facility accepting the waste. Please familiarize yourself with the below listed distribution information to avoid future problems.

DISTRIBUTION - After the generator and transporter have completed their respective items and have signed the manifest, the generator should pull the last two copies prior to releasing the manifested load to the transporter. The Generator must keep the yellow - Part 6 copy and forward the green - Part 5 copy to the Illinois Environmental Protection Agency within two (2) working days of the load being shipped.

When the designated facility (site) receives the manifested waste, the owner or operator, or his Agent, must sign and date the manifest to certify the waste covered by the manifest was received and immediately give the transporter the gold - Part 4 copy. Within thirty (30) days, the site must send the yellow - Part 2 copy of each completed, signed manifest received during that period to the Illinois Environmental Protection Agency and the original white - Part 1 to the generator. The remaining pink - Part 3 copy must be retained by the facility for at least three years. The original white - Part 1 is to be retained by the generator for a minimum of three (3) years.

If you have any questions, please feel free to contact me at 217/785-2361.

Sincerely.

Cynthia D. Ladage

Compliance Assurance Unit

Compliance Monitoring Section

Cy Akin D Indays

Division of Land Pollution Control

CDL: tk/47

Enclosure(s)

| From:  To  Load of: Waste Sil PCV. |  |
|------------------------------------|--|
| 7320 lbs. NET                      |  |
| From:                              |  |
|                                    |  |
| Load of: Waste Dil PCV.            |  |
| I .                                |  |
| Weigher (In)                       |  |
| B L Weight IN WEATHER OUT          |  |
| B 'L Seals Clear                   |  |
| ACT Seals Rain S                   |  |
| Remarks:  Snow  Windy              |  |

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# Mach Description TRANSFORMATION MAIN STATES

# YOUR PRICES MUST BREALD YOUR PRICES WEST BREACHD. YOU ARE REQUIRED FOR COURT OF

MAIR INVOICE IN DUPLICATE TO
POR BOX 64 TO
EAST ST. LOUISI ILE 62202

VENDOR I PURCHABING: FACCOUNTING RECEVING RECUESTIONOR DEN WHITE AND GREENIN LY YELLOWN TO PINE TO THE BURNESS STATES

USPC1-109-8

SUITE 400 SOUTH 2000 CLASSEN CENTER OKLAHOMA CITY, OKLA. 73108

OCC: MC-2/481 & USU-10/ OSDH: SD 47002, 2-14 & 2004 EPA ID: OKT 410010474 OKT 410010466

No. 35230

ICC: MC 153414 DATE PHONE: OKLA. CITY - (406) 526-8371 OFFICE USE ONLY LOAD TICKET TULSA : 1918) 446-2786 CUSTOMER NOdvets SHIP FROM ADDRESS BILL TO. CITY AND STATE ZIP CODE Same As Above ATTENTION MANIFEST NO UNIT NO USBČI DRIVER אהאמשרי DEMURRAGE TIME Hrs. Hrs DESCRIPTION Waste Code No Waste Code No. **AGREEMENT** Customer agrees to indemnify and save harmless United States Pollution Control, Inc. (USPCI), its agents and employees, against any and all liabilities, obligations, claims; losses, and expenses (1) caused or created by Customers, its sub-contractors, or the agents and employees of either, whether negligent or not, arising out of work hereunder, or (2) arising out of injuries (including death) suffered or allegedly suffered by employees of Customer or its sub-contractors (a) in the course of their employment, or (b) in the performance of work hereunder, due to the failure of Customer, or their sub-contractors, or anyone directly or indirectly employed by them or any of them to act with due care while engaged in the performance of work contemplated by this Agreement. Further, in connection with the work hereunder, Customer shall indemnify and save harmless USPCI and the owner of any real property upon which the work is to be performed against any liability to sub-contractors or other third persons under the mechanics, materialmen, labor or other applicable lien laws of the State in which the work is to be performed. I have read and understand the terms of this Agreement and represent that I am authorized to sign the same as agent of Customer.

CUSTOMER - NOT AN INVOICE

PART - 6 GENERATOR

INIL OF ILLINOIS

| Mea      | se print or type. (Form designed for use on elite  | (12-pitch) typewriter.)               | EPA Form 8700-22            | 2 (3-84)                      | Form Ap  | proved OMB No 20                      | 50-0039. Expires 9-30-88                           |
|----------|--|---------------------------------------|-----------------------------|-------------------------------|--|---------------------------------------|--|
| 1        | UNIFORM HAZARDOUS WASTE MANIFEST   | 1. Generator's US EPA<br>ILD080018914 | Docu                        | lanifest<br>ument No.<br>301. | 2. Page 1<br>of 1                                |                                       | e shaded areas is not<br>eral law, but is required |
|          | 3. Generator's Name and Mailing Address CERRO COPPER PRODUCTS CO.                        |                                       |                             |                               | - ما   | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |  |
| $\prod$  |  | <b></b>                               |                             |                               | <u>IL 1</u>                                      | CJIIO4                                |  |
| 11       | P.O. Box 681, E. St. Louis   |                                       |                             |                               | B.Illinois<br>Generator                          | •                                     |  |
|          |  | -6000                                 |                             |                               | ID   | 1631                                  | 8 1 0 0 0 8  |
|          | 5. Transporter 1 Company Name  | 6.                                    | US EPA ID Number            |                               | Cillineis Tra                                    | nporter's ID HO                       | # H-11:012:4                                       |
|          | USPCI  | ~ <u>O</u>                            | D981514474                  |                               | D.(405) 52                                       | 28-8371 Tr                            | ensporter's Phone                                  |
|          | 7. Transporter 2 Company Name  | 8.                                    | US EPA ID Number            |                               | E.Minois Tran                                    | nsporter's ID                         | * 1 1 1  |
|          |  |                                       |                             |                               | F4 )   | Tra                                   | neporter's Phone                                   |
|          | 9. Designated Facility Name and Site Address PPM, INC.                                   | 10.                                   | US EPA ID Number            |                               | G.Hineit H                                       | 0#                                    | 1990 .<br>Arthur                                   |
|          | 1628 W. 9th St.  |                                       |                             |                               | H.Facility's P                                   |                                       | 0 4 1 0 4  |
|          | Kansas City, MO 64101  | I MC                                  | D069277549                  |                               |  | 11                                    |  |
| 11       |  |                                       |                             | 1000                          |  | 2 <b>21–6826</b>                      |  |
| 1        | 11. US DOT Description (Including Proper SI  | nipping Name, Hazard C                | Class, and ID Number)       | 12.Cont                       | . 1 '  | Total Unit                            | Seeman an  |
| G        | HM   |                                       |                             | No.                           | Type Q   | uantity Wt/Vo                         | Spirotes Ivi.                                      |
| E        | a. Waste Hazardous Subst   | ance Liquid N.                        | 0.S.                        |                               |  |                                       | XX   |
| N<br>E   | ORM-E, NA9188 (Polych  | lorinated Biph                        | enyls) RQ                   | 18                            | <b>Б</b> М                                       | 9906                                  | Authorization Number                               |
| ī        | b.   |                                       |                             |                               |  |                                       | THE IAN Marriber                                   |
| A        |  |                                       |                             |                               |  |                                       | XXI 1  |
| т        |  |                                       |                             | L                             | 1  |                                       | 3 to 1 1   |
| 0        | C.   |                                       |                             |                               |  |                                       | STATE NAME   |
| R        |  |                                       |                             | ļ                             |  | 1                                     | A Section 1  |
| ٦        |  |                                       |                             | 1                             | 1 . 1 .  |                                       |  |
|          | d.   |                                       |                             |                               | <del>                                     </del> |                                       | 3.EM. IN Number                                    |
| Ш        |  |                                       |                             |                               |  |                                       | XX   |
| П        |  |                                       |                             | ĺ                             | 1 1  |                                       | Apprization Number                                 |
| П        |  |                                       |                             |                               |  |                                       |  |
|          | J. Additional Descriptions for Materials Listed /  |                                       |                             |                               | In Item #14                                      | codes for Wastes                      | 1478 L   |
|          | endonu reus 3  |                                       |                             |                               | 1 = Gallo  | ons 2 =                               | Cubic Yards  |
|          | AND The mark   | Service Service                       | <b>有引捧(维)</b>               |                               |  | 37.                                   | 2:00   |
|          | 15. Special Handling Instructions and Additiona  | I Information                         | PICK-UP SITE:               | Hr.rr 2                       | 1 11+00  | S Courth on                           |  |
| П        | Dike and contain In case   | of emergency                          |                             | Sauget                        |  | a southern                            | i iracks,  |
|          |  |                                       |                             |                               |  | n out                                 | 0610 007   |
| Ш        | in case of spirit. contact:  | John Swanson                          | PICK-UP DATE:1              | n/aave                        | urnam/   | BOB                                   |  |
|          | 16. GENERATOR'S CERTIFICATION: I hereby de   |                                       |                             |                               |  | PCB MANIFI                            | EST 6000   |
|          | proper shipping name and are classified, pa  | icked, marked, and labele             | ed, and are in all respects | s in proper                   | condition for                                    |                                       |  |
| П        | highway according to applicable internation Unless I am a small quantity generator who h | _                                     | •                           | _                             |  | inimitation certifi                   | cation under Section                               |
|          | 3002(b) of RCRA, I also certify that I have a  | i program in place to red             | uce the volume and toxic    | city of was                   | te generated t                                   | o the degree I ha                     | ve determined to be                                |
|          | economically practicable and I have selecte threat to human health and the environmen    | d the method of treatmen              | it, storage, or disposal cu | rrently ava                   | ilable to me wi                                  | hich minimizes th                     | e present and future                               |
|          |  | · · · · · · · · · · · · · · · · · · · | I Claratura                 |                               | <del>-</del>                                     |                                       | Date Van   |
| J        | Printed/Typed Name   |                                       | Signature                   | ,                             | . 0 .  |                                       | Month Day Year                                     |
| V        | Roy Thompso  |                                       | Mory                        | 400                           | 1/2 20   | 177                                   | <b>,</b> 10 2287                                   |
| T        | 17. Transporter 1 Acknowledgement of Receip  | of Materials                          | 10 7                        |                               |  |                                       | Date   |
| A        | Printed/Typed Na/pe  | 1                                     | Signature.                  | $\cap$                        | /  |                                       | Month Day Year                                     |
| S        | HUIN K LYNUN -   | и.                                    | CLUWKY                      | 1 120                         | che.   |                                       | 10228  |
| Ò        | 18. Transporter 2 Acknowledgement of Receip  | t of Materials                        |                             |                               |  |                                       | Date   |
| R        | Printed/Typed Name   |                                       | Signature                   |                               |  |                                       | Month Day Year                                     |
| R        |  |                                       |                             |                               |  |                                       | ı  |
| -        | 19. Discrepancy Indication Space   | 1003131                               | (d # 0200                   | OF I                          | 10/1   |                                       | - '<br>  |
| F        | 19. Discrepancy Indication Space LLL 3   | uccuty                                | ELL # 9270                  | 1.10                          | U/ J/241   | ruporter                              | -1d# 1246  |
| AC       | Ma DECOLVING LIE   | ich+ 74                               | 10 lhc                      |                               |  | ·                                     |  |
| C<br>  i | 1 2 2 2 2 2 2 2 2 2 2 2  | yree 117                              | 30 ID3                      |                               |  |                                       |  |
| 1        | 20. Facility Owner or Operator Certification of  | <u> </u>                              |                             |                               |  |                                       | Date   |
| Ť        | Printed/Typed Name   |                                       | Signature                   |                               | Jopi us noted i                                  |                                       | Month Day Year                                     |
| Y        |  |                                       | A. A.                       | R                             | So.  |                                       | 11201  |
| L        | Farren Boley   |                                       | 1 Tarren                    | 100                           | Ly.  | <del></del>                           | 11017201   |
| N/O      | NS: 217 / 782-3637   | HOUR EMERGENCY AND                    | SPILL ASSISTANCE NUM        | BERS*                         | OUTCROP ILLIAN                                   | 010, 900 / 424 99                     | 02 or 202 / 426-2675                               |

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTRO.

IL532-0610

LPC 62 8-81

| WASTE POLYCHLORINA TED BIRMENYL  NI  E  ORME-E, UN2315, RQ 7500 FM  A  A  A  A  A  A  A  A  A  A  A  A  A  | imber  |
|--|--|
| 4. Generator's Phone (G18) 337 2000  4. Generator's Phone (G18) 337 2000  5. Transporter 1 Company Name  5. D. Myers (C2) DHDOHUGUGGT  7. Transporter 2 Company Name  8. US EPA ID Number  9. Designated Facility Name and Site Address  10. US EPA ID Number  10. Lea South Ave Ted Birmey L  11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)  11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)  12. Containers  13. Total  No. Type Quantity Wyvol  No. Type Quantity Wyvol  A A A A A A A A A A A A A A A A A A A  | J  |
| 4. Generator's Phone (6. 8) 339 - 6000  5. Transporter 1 Company Name  5. D. Myers No. 10 DHD044946127  7. Transporter 2 Company Name  8. US EPA ID Number  F. O. Myers No. 10 DHD044946127  9. Designated Facility Name and Site Address  10. US EPA ID Number  F. O. Myers No. 10 DHD044946127  11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)  11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)  12. Containers  13. Total No. Type Quantity Willow  No. Type Quantity Willow  C. Illinois Transporter's ID  F. O. Myers No. 10 DH HAT No. 11 DH HAT No. 12 DH HAT NO. 12 DH HAT NO. 13 DH HAT NO. 14 DH HAT NO. 15 D | prter's Pl   |
| 5. Transporter 1 Company Name  5. D. MYERS INC   DHDOHUGUGI27   D.( ) Transporter's ID  7. Transporter 2 Company Name  8. US EPA ID Number  E.Illinois Transporter's ID  F. G. WARD GRAPH GOLD Number  9. Designated Facility Name and Site Address  10. US EPA ID Number  G. Illinois Transporter's ID  F. G. WARD GOLD STRANSPORTER'S ID  | prter's Pl   |
| 7. Transporter 2 Company Name  8. US EPA ID Number  E.Illinois Transporter's ID  F.O. Again Garage  9. Designated Facility Name and Site Address  10. US EPA ID Number  G.Illinois  Facility's  Facility's  Facility's  H. Facility's Phone  11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)  12. Containers  No. Type Quantity  WASTE ROLY CHLORING TED BIRMENYL  Authority  D.()  Transporter's ID  F.O. Again Garage  G.Illinois  Facility's  Phone  12. Containers  No. Type Quantity  WWW WWW  Authority  C.  Authority  C.  Authority  Authority  C.  Authority  C.  Authority  C.  C.  D.()  Transporter's ID  F.O. Again Garage  G.Illinois  Facility's  Phone  Total  No. Type Quantity  WWW  Authority  Authority  C.  C.  D.()  Transporter's ID  F.O. Again Garage  G.Illinois  Facility's  Phone  Total  No. Type Quantity  WWW  Authority  Authority  Authority  Authority  C.  Authority  Authority  C.  Authority  C.  Authority  C.  Authority  Authority  C.  Authority  C.  Authority  C.  Authority  Authority  C.  Authority  Authority  Authority  C.  Authority  Authority  C.  Authority  Authority  Authority  C.  Authority  Authority  Authority  C.  Authority  | orter's Pl   |
| 7. Transporter 2 Company Name  8. US EPA ID Number  E.IIInois Transporter's ID  F.O. A. G.   | I. Väste No  |
| 9. Designated Facility Name and Site Address 10. US EPA ID Number  G. Illinois  Facility's  ID  H. Facility's Phone  TALL_MADG= DH 44278 OH DO4494G127  11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)  AND  WASTE ROLY CHLORING TED BIRMENYL  SRME—E, UN2315, RQ 7500 pm  F. (2004) Gapta Ganspool  G. Illinois  Facility's  ID  H. Facility's Phone  12. Containers  Total  Unit  Witvol  Authority  Authority  C.   | I.<br>Väste No<br>A HW Num   |
| 9. Designated Facility Name and Site Address  10. US EPA ID Number  G. Illinois Facility's ID  H. Facility's Phone  TALLMADGE DH 14278 ON DO4494G127  11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)  12. Containers 13. Total Unit What Poly Chloring Proper Shipping Name, Hazard Class, and ID Number)  Authority  DRME—E, UN2315, RQ 7500 pm  C.   | I.<br>Väste No<br>A HW Num   |
| 180 SOUTH AVE TALLMADGE OH 44278 ONDO44946127  11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)  a. WASTE POLYCHLORING TED BIRMENYL  ORMET, UN2315, RQ 7500 pm  C. Facility's H. Facility's Phone H. Facility's Phone 12. Containers Total Unit WWVol W Author  Author  C. Facility's DA South Ave H. Facility's Phone  Author  Author  Author  C. Facility's H. Facility's Author  Author  Author  Author  C. Facility's H. F | Väste No<br>A HW Num   |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)  12. Containers 13. Total Unit No. Type Quantity  WASTE POLY CHLORING TED BIRMENYL  DRME—E, UN2315, RQ 7500 pm  14. Authority  Authority  C.  | Väste No<br>A HW Num   |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)  12. Containers 13. Total Unit No. Type Quantity WWW W  Author  C. Containers 13. Total Quantity WWW W  Author  Author  C. Containers 13. Total Quantity WWW W  Author  Author  C. Containers 13. Total Quantity WWW W  Author  Author  Author  C. Containers 13. Total Quantity WWW W  Author  Author  Author  C. Containers No. Type Author  Author  Author  Author  C. Containers No. Type Author  Author  Author  Author  C. Containers No. Type Author  Author  Author  Author  Author  Author  C. Containers No. Type  Author  Author  Author  Author  Author  Author  C. Containers No. Type  Author  Auth | Väste No<br>A HW Num   |
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| 15. Special Handling Instructions and Additional Information   | <del>-</del>   |
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#### ARY POR CONTERT WASHIES

#### Gentlemen:

Enclosed with this letter are the results of nour PCB terts.

Please note that the <u>Federal Georgiss</u> (vol. 44, no. 104, Man A) 1979 p. 31517) defines these three classes of transformers. (1) PCB transformers (those units containing 500 PMM or greater PCB'S); (2) PCB-contaminated transformers (those units containing 50-500 PPM PCB) and (3) non-PCB transformers (those units containing less than 50 PPM PCB).

We have provided as an additional service to you color-coded labels for your transformers. These colors are: (1) VFLLOW, for POR additionent: (2) ORANGE... for PCB-contaminated equipment, and (3) GREEN...for non-PCR equipment. Only those units in category (1), PCB equipment, are required by the APA to have labels.

The same Federal Register (og 81588) states: "EPA will not consider it to be good judgment to assume that the sample has less whan 50 PFM 2C8 because the experimental error of the undoedure overlans the out-off point. Through experimental data and by cross-checking with other laboratories, we have determined a deviation of plus or minus 104. For this reason, we have established our limits as below 45 PPM for non-PC8's 45-450 PPM for PC8-contaminated out and 450% for PC3 transformer out.

A point to remember is that all samples obser than coansformer but are classified as PUB's at 50 APM or sore.

A few of your test results may be reported using the following terms or abbreviations:

ND - None Detected

Trace - Less than 1 FFM

UP - Unidentified Peaks - the result form the chromatogram displayed major peaks <u>NUT ASCOCIATED</u> with PCB'S normally found in electrical transformer fluid.

Sein singh homis'

gapu gardre

Regional Sales Manager

JD/las

Enclosures: Updated mastersmofile and discard and poton contest Colored tablismodula to respective transformer



10 CENTRAL AVENUE KANSAS CITY, KANSAS 66118 (913) 621-4206 TELEX NO. 434-607

#### CERTIFICATION OF DECONTAMINATION

To: Cerro Copper Products Company PPM Job Control Number: 70785

Post Office Box 681

East St. Louis, Illinois 62202

ATTN: Roy Thompson

Decontamination Batch Number: 87-172

This is to inform you that in accordance with 40 CFR 761.60 (e), and PPM, INC.'s authorization from the U.S. Environmental Protection Agency in Washington D.C., polychlorinated biphenyls (PCB) in oil from your company, as described below, were destroyed by PPM, INC. on <a href="December 10">December 10</a><a href="1987">December 1987</a><a href="1987">December 10</a><a href="1987">December 10<

Generator Name

Manifest Number

Cerro Copper Products Co.

801

Description of Material

Ending PCB Level

18 drums of oil - < 500 ppm

( 2 ppm

Sincerely,

PPM. INC.

ev. Konete Blaban

This Memorandum is an acknowledgment that a Bill of Leding has been issued and is not the Original Bill of Leding, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. S. D. MYERS, INC. Carrier Carrier's No. RECEIVED, subject to the classifications and tariffs in affect on the date of the receipt by the carrier of the property described in the Original Bill of Lading Sauget, Illinois CERRO COPPER ATTN: Ray Thompson from\_ Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this ship ment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns. Consigned to S. D. MYERS, INC. (Mail or street address of consignoe—For purposes of notification only.) 44224 Optio Stow Destination\_ Zip Code\_ County 1500 Commerce Drive Delivery Address \*\_ (\*To be filled in only when shipper desires and governing tariffs provide for delivery thereat.) Route\_ **Delivering Carrier** Car or Vehicle Initials No. No. Packages Subsect to Section 7 of Coordinate of confusion (Sub. to Cor.) Kind of Package, Description of Articles, Special Marks, and Exceptions+ If of lading, if this shipment is to be delivered to he consigner without recourse on the consign neignor shall sign the following stateme 9 Drums fullers earth 6 at 74ppm, 3 at 146ppm The corrier shall not make delivery of this ship without payment of fraudit and all other lawful 9 Drums-empty open top 2 Drums-empty closed top (Signature of Consignor.) Drums oil 6 at 515ppm, 8 at 105ppm, 9 at 101ppm 23 If charges are to be prepaid, write or stangers, "To be Prepaid." ORM-E UN2315 \*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight Agent or Cashier NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared If the property. eed or declared value of the property is hereby specifically stated by the shipper to be not exceeding (The signature here acknowledges only the a prepaid.) † The fibre boxes used for this shipment conform to the specifications sel Torth in the box maker's certificate thereon, and all other requirements of Uniform Freight Classification. †Shipper's imprint in lieu of stamp; not a part of bill of lading approved by the Interstate Commerce Commission. Shipper, Per. 65695 REDIFORML

POLY PAK (50 SETS) 6P695

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, SPRINGFIELD,

, 94-9276 (217) 782-6761

AND SPECIAL WASTE.

| 7       | Cust # 07320000   |                                       | LPC 62 8/81 IL5                | 32-0610                             | ~ `                | D St ECIAL TOST                    | <b>L</b> .   | ·             |
|---------|---|---------------------------------------|--------------------------------|-------------------------------------|--------------------|------------------------------------|--|---------------|
| PLI     | ASE TYPE (Form designed for use on elife ()   | . (rch) typewriter.) •                | EPA Form 8700-22 (             | Rev. 9-86)                          | Form Approv        | ed. OMB No. 2050                   | )-0039, Explres  | 9-30-01       |
| <b></b> |   | Generator's US EPA ID                 |                                | lanifest 2<br>unent No.<br>189 - RT | . Page 1           | Information in the required by Fed |  |               |
|         | WASTE MANIFEST  |                                       |                                |                                     | of L               | by Illinois lew.                   | and the second section of the section of the section o | ت برلانده     |
|         | 3. Generator's Name and Mailing Address   | Location'If Diffe                     | rent:                          | A:I                                 |                    | a see see see a see                |  |               |
| '       | Cerro Copper Products   | •                                     |                                | 78                                  |                    |                                    |  | 50. EX        |
|         | P.O. Box 681/E. St. i. i  | a 62 <b>202</b>                       |                                | B#                                  |                    |                                    |  | -             |
| 11      | 4. Generator's Phone (618)  | J-30                                  |                                | 30                                  | 4.7                |                                    | 1.31   |               |
|         | 5. Transporter 1 Company Name   |                                       | US EPA ID Number               | 徳                                   |                    |                                    | A 1000 A   |               |
|         | S. D. Myers, Inc.   | оно                                   | 053576                         | 2 9 4                               |                    |                                    |  |               |
|         | 7. Transporter 2 Company Name   | 8.                                    | US EPA ID Number               | 6                                   |                    |                                    |  |               |
|         |   |                                       |                                |                                     |                    |                                    |  | 4.            |
|         | 9. Designated Facility Name and Site Address  | 10.                                   | US EPA ID Number               |                                     |                    |                                    |  | 4.6           |
|         | S. D. Myers, Inc.   |                                       |                                |                                     |                    |                                    |  |               |
|         | 180 South Ave.  | ••                                    |                                |                                     | 3.5 121            |                                    |  | . ~ 3         |
|         | Tallmadge, OH 44273   | а и о!                                | 0 5 3 5 7 6                    | 294                                 |                    | 5.5                                | A Section Contracts  |               |
|         | 11. US DOT Description (Including Proper Shippi   |                                       |                                | 12.Container                        | · 10               | 3. 14.                             | 3.536  |               |
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| Ę       | ORM-E, NA9188, (Polyculorin   | =                                     | · ·                            | \ T-                                | ٠   ٠              | - 0 0                              | XX   | - 2           |
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| E       | b.  | · · · · · · · · · · · · · · · · · · · |                                | ~ ^ 4                               | 1 V V V            | F-10-                              |  | ्र<br>सम्बद्ध |
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|         |   | A TOTAL STREET                        |                                |                                     |                    |                                    | And the same   |               |
|         |   |                                       |                                |                                     |                    | 1                                  | April 1  |               |
| 1       |   |                                       | A Laboratory                   |                                     |                    | 1.1                                |  |               |
|         | 15. Special Handling Instructions and Additional In   | formation                             |                                |                                     |                    |                                    |  |               |
|         | 1-11 1 then 600   |                                       |                                |                                     |                    |                                    |  |               |
| П       | (oil less than 500 ppm.   |                                       |                                |                                     |                    |                                    |  |               |
|         | 1.1<br>15   |                                       |                                |                                     |                    |                                    |  | 17            |
|         | 16. GENERATOR'S CERTIFICATION: I hereby declare   |                                       | -                              | •                                   | -                  |                                    |  |               |
|         | <ul> <li>proper shipping name and are classified, packed, m<br/>according to applicable international and national go</li> </ul>  |                                       | all respects in proper of      | condition for trai                  | nsport by high     | way                                |  |               |
|         | If I am a large quantity generator, I certify that I ha   | •                                     | duce the volume and to         | xicity of waste                     | generated to       | the degree I ha                    | ve determined  | to be         |
|         | economically practicable and that I have selected future threat to human health and the environment   |                                       |                                |                                     |                    |                                    |  |               |
|         | the best waste management method that is available  |                                       |                                | e a good rami e                     | HOTE TO HARMA      | ize my waste g                     | Dat  |               |
|         | Printed/Typed Name  | Sign                                  | nature                         | ,                                   |                    |                                    | Month D  | ау Жер        |
| *       | HAROLD FLANN  | A                                     | will Fly                       | m                                   |                    |                                    | $U_0 \cup U_1$   | 1776          |
| Ť.      | 17. Transporter 1 Acknowledgement of Receipt of   |                                       |                                |                                     |                    |                                    | Dat  | e - 6         |
| Ŋ,      | Printed/Typed Name  | Sign                                  | pature                         | Σ ξ                                 | V.5                | A A                                | Mogth P  | ay Xear       |
| 8       | JAMES E. RODE   | ンとバン                                  | James                          |                                     | ~ 0 - 3 ¢          |                                    | USU  | 1:3018        |
| P.      | 18. Transporter 2 Acknowledgement of Receipt  | of Materials                          |                                |                                     |                    |                                    | Dat  | 8             |
| H       | Printed/Typed Name  |                                       | nature                         |                                     |                    |                                    | Month D  | ay Year       |
| Į,      |   |                                       |                                |                                     |                    | *****                              | <u>.</u>   | -21.          |
| 6       | 19. Discrepancy Indication Space  |                                       |                                |                                     |                    |                                    |  |               |
| F       |   |                                       |                                |                                     |                    |                                    |  |               |
| 4       |   |                                       |                                |                                     |                    |                                    |  |               |
| j.      |   |                                       |                                |                                     |                    | <b>.</b>                           |  | 3             |
| 1       | 20 Facility Owner or Operator: Certification of re  | eceip: ardcus mater                   | nals covered by this           | manifest exce                       | ot as noted        | in item 19.                        | Dat  | е .           |
| 4       | Printed/Typed Name  |                                       | nature                         |                                     |                    | 7                                  | <del></del>  | ay Year       |
| للنان   | Section (Section )  | 3.9                                   | *                              |                                     |                    | 3                                  | 1   1  | Paris         |
| 14      | This Advancy is supported to require pursuant to Illunois Revised Statutos C  | Aug chos is that this info            | ormstion be submitted to the A | gency. Failure to prov              | nde the informatio | n may result in a ch               | d panalty against  | the officer   |

4-19

0 ii SOUTH T.M. TEMP - NO. 36. OIL REMOJED FROM REPLACED WITH NEW

#### **HAZARDOUS WASTE MANIFEST**

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| ~  |  |  |  | s. D.  | MYERS,   | INC.   |  |  |  |  | SHIPPER NUME   | ER  |   |
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| O. OF UNITS &<br>CONTAINER<br>TYPE   | нм   | EPA<br>HAZ.<br>WASTE<br>ID #   | , (P   | SCRIPTION AND CL<br>Proper Shipping Nam<br>tion Number per 172   | me, Class and  | 2.203  | UN#<br>or<br>NA#   | EXEMPTION<br>OR NO LABELS<br>REQUIRED  | FLASH POINT<br>(IN °C)<br>WHEN REQ'D   | UNITS<br>WT/VOL  | TOTAL<br>QUANTITY  | RATE  | CHARGE<br>(For Carre<br>Use Only  |
| drums  | x  | ODMER  |  | polychlor  |  |  | W2315  |  |  |  | 2700/1,26  |   |   |
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# PURCHASE REQUISITION

| ,             | Address F.O. DOX 5575 HIGHWAY # SA  ARROW Phone (inc. Area Code) 2/6-929-2847  der   Ship On | OPPER PRODUCTS CO. 3, ALTON & SOUTHERN TRACKS LUGET, ILLINOIS 62201  41-8060-E-4654 |
|---------------|--|---|
| QUANTITY      | DESCRIPTION  | Do Not Write in This Area PRICE EXTENSION   |
|               | TO DE-CHLORINATION OF 2 UNIT<br>P.CB PER QUOTATION<br>33-15041                               | THICE EXTENSION   |
|               | STARTED SOUTHEND T.M 3-12-84   |   |
|               | _  |   |
|               |  |   |
| Mach. Descrip | tion MAIN MILL NORTH + MAIN MILL SOUTH OF  | dered by Roy Thompson   |
| Reason for Re | TO BE ABLE TO REFINE OIL'IN TRA  | NSFORMERS   |
| Authorized    | Approve  | d   |



Dedicated to conserving our nation's natural oil resources and prolonging the life of transformers nationwide.

|          |  | and prolonging the life of transformers hettoriwide.  |
|----------|--|---|
| вох      | 3575, AKRON, OHIO                              | 44310, PHONE (216) 929-2847 - TOLL FREE (800) 321-958   |
|          | For Information Contact:                       | 26062 EDEN LANDING RD.   18100 UPPER BAY ROAD   |
|          | BOX 3575, AKRON, OHIO Phone 1 - 800-321-9580   | HAYWARD, CALIFORNIA 94545 HOUSTON, TEXAS 77058  9 44310 Phone 415-783-7744 Phone 713-333-5684  1 26062 EDEN LANDING RD.   |
|          | ☐ BOX 3575, AKRON, OHIO Phone 1 - 216-929-2847 | HAYWARD, CALIFORNIA 94545<br>3 44310 1-800-972-5940 (Inside Calif.)<br>1-800-227-0637 (Outside Calif.)  |
| TO:      |  | QUOTATION  Page 1 of 4 Pages  |
| 10.      | Conna Connan Duadwate                          | · · · · · · · · · · · · · · · · · · ·   |
|          | Cerro Copper Products P.O. Box 681             | QUOTATION NO.   |
|          | E. St. Louis, IL. 622                          |   |
|          | 644 55 77                                      | YOUR ORDER 50106  |
|          | Attn: Roy Thompson                             | (For Transformer Oil Testing Only)  |
| GENTL    | EMEN:  |   |
|          | Transformer Consultar described herein.        | nts is pleased to forward this quotation for the work   |
|          | May we serve you?                              |   |
|          | See item 4 on back pa                          |   |
|          |  | bject to the additional provisions provided for in this quotation, Items 1-12 inclusive. We<br>proposal and will appreciate your acceptance. If we are honored with your order please   |
| orward ( | one copy with your acceptance noted            |   |
| FIRM N   | ACCEPTED                                       | S. D. MYERS, INC.   |
| BY       |  | John Dargie/Bill Wolfe  |
| TITLE    | DATE   | STANLEY D. MYERS, President   |
| SERV     | CES TO BE SUPPLIED                             | BY S. D. MYERS, INC.  |
|          | em II Services to be supplied t                |   |
|          | • •  |   |
|          | or the services and work de                    | on of S. D. Myers, Inc., Akron, Ohio submits the following quotation escribed in this proposal.   |
| ITEM 1   | "HOT OIL" CLEANING OF                          | TRANSFORMERS. Required 🔀 Not Required   |
| 1)       | Work to be accomplished whi                    | le the transformers are energized.)   |
| di<br>N  | EL to purge your transformers                  | ill of the necessary EQUIPMENT — SUPPLIES — and OPERATING PERSON-<br>with a hot naphthenic oil, utilizing multiple passes through the unit to re-<br>er soluble decay products and restore the transformer interior to a clean<br>ed to the following criteria. |
|          | Acid Nun                                       | •   |

The oils will have oxidation inhibitor DBPC (Ditertiary Butyl Para-Cresol) added at the rate of 0.3% by weight.

- 36.0 Dynes/Cm (min)

35.0 KV (min)

Interfacial Tension

Dielectric

feRe III



| _    | 2 | ,   | 4 |       |
|------|---|-----|---|-------|
| Page |   | 01_ |   | Pages |

# **COST SUMMARY SHEET**

| QUOTATION NO   | 33-15041   | _ DATE                  | 5/20/83  | FOR .  | Cerro C  | opper r  | roducts                                     |
|--|--|-------------------------|--|--|--|--|---|
|  |  | CI                      | τγ <u> </u>  | St. Lou  | is, STA  | TE   | L   |
| ITEM 7   |  |                         |  |  |  |  |   |
| Transformer Cons   | that the prices item<br>sultants to the Comp<br>recommended by   | any Servic              | ed and inclu   | des the resto  | oration of the   | -  |   |
| (7A) "HOT OIL" CL  | EANING OF TRAN   | SFORMER                 | <b>S</b> (See Item   | 1)   |  |  |   |
| Transf   | ormers requiring tr  | eatment @               |  |  | \$   |  | Net Lot                                     |
| (7B) TRANSFORME  | R "POWER ON" S   | SLUDGPU                 | RGING@ (Se   | ee Item 2)   |  |  |   |
| Transf   | ormers requiring S   | lud <b>gPu</b> rgin     | ı <b>g</b> ® @   |  | \$   |  | Net Lot                                     |
| (7C) TRANSFORME  | R "POWER OFF"  | SLUDGPU                 | IRGING® (Se  | ee Item 3)   |  | •  |   |
| Transf   | ormers requiring <b>S</b>  | ludgPurgin              | <b>og®</b> @   |  | \$   |  | Net Lot                                     |
| OTHER WORK<br>(7D) 2 Units PC  | c<br>B De-Chlorinat  | ion                     |  |  | <b>s</b>   | 9241   | .00   |
| # ?  | $t_{\chi}^{+}$   |                         |  |  |  |  |   |
| (7E) # 3   | þ  |                         |  |  | \$   |  |   |
| (7F) ADDITIONAL (  | CONDITIONS  See Attachment   | □ Des                   | cribed as Fo   | llows  | <b>s</b> _   |  |   |
|  |  | TOTAL                   | SERVICE CI   | HARGES   | \$   | 9241   | .00   |
| the transformer of the transform | tomer be unable to<br>manufacturer, Trans<br>Drums of oil require<br>Delivery 10–12<br>by Work Subject To<br>of Payment App1 <sup>2</sup><br>aid by the customer | furnish the former Cond | WORK DAY coil required nsultants will difference after rec Charge axes are veservices sh | to restore to supply the ceipt of in additional bedue as | WEEK - I<br>he oil level to<br>oil at the fol<br><br>order<br>tion to the<br>nd payable in | MONDAY that reco llowing pr\$  his pri thirty (30) | mmended by ice. Included  ce. days from the |



#### ITEM 2—TRANSFORMER "POWER ON" SludgPurging® Required Not Required

S. D. Myers, Inc. will provide all of the necessary SPECIAL EQUIPMENT — SUPPLIES and OPERATING PERSONNEL to SludgPurge® your transformers. The transformers will be SludgPurged® with a HOT NAPHTHENIC based oil. A CONTROLLED and EXTENDED HEAT RUN will be conducted to elevate the transformer temperature to a safe level and yet permit the oil to redissolve the decay products. At this point the HOT NAPHTHENIC oil will penetrate to all accessible parts of the transformer and transformer insulation and attack the decay products (fatty acids, sludges of asphaltene, alcohols, varnishes, lacquers, metallic soaps, etc.) that permeate the system, and bring them into solution to be removed in the ADSORBENT BEDS. The transformer, now purged of these destructive decay products, will gain additional operating life. Transformer oils will be re-established to the condition outlined in ITEM 1 above.

#### ITEM 3—TRANSFORMER "POWER OFF" SludgPurging® ☐ Required 💢 Not Required

S. D. Myers, Inc. will provide all of the necessary SPECIAL EQUIPMENT — SUPPLIES and OPERATING PERSONNEL to (1) DRAIN the transformer(s) of oil (customer is to provide the necessary containers and dispose of the old oil) and (2) FLUSH the interior of the transformer(s) with a HOT NAPHTHENIC OIL (windings, ventilating tubes and fins, core, ventilating ducts, etc.) to remove the accumulation of BULK SLUDGES. Transformers will be (3) REFILLED with new transformer oil and an (4) EXTENDED & CONTROLLED HEAT RUN will be conducted to purge the transformer and transformer insulation of the decay products, (fatty acid, sludges of asphaltene, alcohols, varnishes, lacquers, metallic soaps, etc.,) permeating the transformer. The transformer now purged of these destructive decay products will gain additional operating life. Transformer oils will be re-established to the condition outlined in ITEM I above.

#### ITEM 4-OTHER WORK

| ☐ None | X) | Described | below |
|--------|----|-----------|-------|
|--------|----|-----------|-------|

Should unforseen action, direct or indirect by any government agency impose additional cost to meet environmental standards we reserve the right to alter the price of this quotation.

If this becomes necessary the customer will be notified immediately for approval of the additional charge.

Upon receipt of your order, Item (7D) of the Cost Summary Sheet will be completed (if applicable.) Should the work quoted herein not be completed, Transformer Consultants will invoice the customer for the amount shown under Item (7D).

Power Requirements - 480 Volts, 3 Phase, 60 Amps.

#### ITEM 5-TRANSFORMERS WITHOUT FILTER PRESS VALVES

See Item 12 Paragraph 10

#### ITEM 6-EXCEPTIONS

I SRI OTHERS

(5A) NON SERVICABLE TRANSFORMERS: We have successfully ReRefined oil in ENERGIZED transformers having 9 gals, capacity. Our Service Engineers are given the option by S. D. Myers, Inc. of not servicing some transformers when, in their opinion, there is an undue safety hazard because of limited room around non-insulated conductors. These exceptions would include pole mounted transformers in particular, and some units mounted on the sides of buildings that present an exceptional hazard. A request for a power outage might solve some of these exceptions.

| (30) 0 | ILINO  |           |       |
|--------|--------|-----------|-------|
| □ None | $\Box$ | Described | below |



#### ITEM 11 SERVICES TO BE SUPPLIED BY CUSTOMER

LIAISON MAN - In order to avoid delay charges (see below) a contact man should be assigned by the customer to the ReRefiner Truck when it reaches your plant to assist in: (1) the maneuvering of the unit through your facility; (2) location of the unit for the various set-ups required, including connecting our processing equipment to the customer's plant electrical system; (3) to orient our men in the plant, so that we will be able to move freely in the assigned areas without violating restricted areas; (4) to point out the facilities that we will require, such as wash rooms, lunch areas, maintenance office, nearest telephone, etc.

A plan of operation should be worked out by the customer beforehand so that your production will not be hampered in any manner and so that we may operate efficiently. The ReRefiner is 55' long and 8' wide with a total height of 12' 6". It has 800' of hose to make connections to the transformers.

ELECTRICAL POWER - The ReRefiner requires 10 amperes of three phase 60 cycle power on 440 volts or 20 amperes on 220 volts. We have a 3 phase 4 wire cable 250' long with a Twist Lock plug on the ReRefiner end that will feed your power into a 20 ampere circuit breaker on our ReRefiner. If you cannot provide the electrical power, provisions will have to be made by us beforehand to provide a power generator set.

OTHER SERVICES - It may be necessary to have materials shipped into your plant prior to the beginning of the work, such material as fullers earth, transformer oil and oxidation inhibitors. This material would be sent to you plainly marked, "Hold for S. D. Myers, Inc. pickup." Your cooperation in holding these materials for us in a readily accessible area and where the material will be kept clean and dry will greatly help us serve you better.

If an extended stay in your plant is necessary, your assistance in disposing of the spent Fullers Earth would be appreciated. This requirement can be worked out on the job site without much difficulty.

WORKING HOURS - Our quotation is predicated on our ability to work at any time of the day and night. Normal work days are 15 to 17 hours. If work is started on a large transformer, we prefer to finish the run on the oil at one set-up so that we can return and finish the job the next day after having reached an intelligent stopping point. If this does not meet with your company policy, we should be notified before work begins so that adjustments in our procedures can be made.

ACCESS & AVAILABILITY - The customer is to provide prompt access to the described equipment which is to be serviced during the entire period of servicing. Any delays in processing the oils caused by the customer will be invoiced to the customer at a rate of \$150.00 per hour, not to exceed \$1500 00 for any 24 hour period, or one complete calendar day, at the option of the servicing company.

#### ITEM 12 CONDITIONS OTHER THAN THOSE SPECIFIED AND OUTLINED ABOVE

1 1 234 155 REPORT

The following are the conditions under which we will undertake the treatment of the above mentioned Oils:

- 1. Unless it has already done so, the customer shall within ten days from the date of execution of this agreement, furnish a representative sample or complete test results of the insulating oil from the equipment covered by the present agreement. The customer will permit us to obtain samples after treatment to enable us to verify the results of its treatment. Should further treatment be required, a date for the carrying out of such further treatment shall be agreed upon and we shall be permitted to obtain samples of the oil tested. Such tests shall be included in the price of treatment.
- 2. The customer agrees to provide access to the equipment on the date stipulated and during the whole period of the treatment. The cost of any delays arising from the customer's failure for any reason to provide such access will be paid by the customer on demand.
- 3. We will not be responsible for deterioration of oil during operation after ReRefining, the customer hereby acknowledging that such deterioration is dependent upon transformer design and usage.
- 4. The customer shall be responsible for any loss or expense resulting from incorrect information furnished by it.
- 5. We assume no liability for delays caused by strikes, riots, floods, fires, acts of God or any cause beyond our control and shall not be required to supply services to the customer while interruption of service due to any such cause shall continue.
- 6 It is acknowledged that our obligation is limited to the ReRefining of the oil in the equipment described, all of which equipment will be solely in the care custody and control of the customer at all times, and that we are in no way obligated to maintain, repair, service, replace or assure the operation of the said equipment, unless special provision for such work is made in writing.

# DIVISION OF TRANSFORMER CONSULTANTS

Cerro Copper Products

33-15041 Date 5/20/83

5. D. MYERS, INC. .

|    | ITEM | 4 PCB-GONE | $\mathbb{R}$ | •                | <b>A7</b> 1 |         |         | 114177     |  |
|----|------|------------|--------------|------------------|-------------|---------|---------|------------|--|
| 10 | _    | MFG.       | S/N          | GALLONS          | OIL .       | PCB PPM | AROCLOR | UNIT       |  |
| 5  |      | West       | PBV-0830-01  | 294              | -           | 750     | 1260    | \$ 3901.00 |  |
| 6  |      | West       | SAV-4359-01  | <sup>*</sup> 389 |             | 860     | 1260    | \$ 5340.00 |  |

GUARANTEE: After 3 months, the PCB Content of the mineral oil will be a non-PCB, as defined in 40 CFR 761.

It will be the customer's responsibility to comply to 761.30, paragraph (2), (V) of 40 CFR 761, in order to reclassify.

- 22. And whereas, the presence of this moisture can be established as existing in the insulation by certain test procedures (see item 23 that follows)
- 23. Whereas such transformers, according to the various insurance companies offering insurance policies, are not insurable for continuity of service and loss of production unless approved after meaningful tests are conducted on the units, such as

ASTM specified oil tests
Insulation Resistance
Insulation Resistance to Ground Test
Dielectric Adsorption Test
Insulation Power Factor Tests
Bushing Power Factor Tests
Turn to Turn Ratio
Physical inspection of interior of the transformer
Load Evaluation
Gas Chromatography
Etc.

- 24. Whereas, inasmuch as the portable oil purifying equipment used by 5. D. Myers, Inc. will under all conditions deliver to an energized transformer a processed oil having a maximum water content of 35 ppm (Equivalent to 35,000 volt dielectric using standard 1" polished discs spaced 0.100" apart and with a voltage rise of 3,000 volts per second) and with an air content of less than 2%, and at a flow rate that will not set up a turbuluence in the insulating oil, and that there is no way possible for the recirculation of a purified oil throughout the transformer to contribute to the failure of a transformer, and
- 25. Whereas, it is acknowledged that it is within the realm of possibility that a transformer could reach a point of failure at the exact time of reconditioning the transformer and the transformer oil using the certified processing equipment, in which the recirculating of the oil can in no way contribute to such failure, and that said failure is the result of an accumulation of contributing factors such as AGE, OVERLOADING, OIL DETERIORATION PRODUCTS impregnating and permeating and coating over the insulation and current carrying parts of the transformer, transient voltages failure of protective devices on or connected to or associated with the transformer being serviced, faulty bushings, or other contributing causes, that
- 26. The owner of the transformer being serviced acknowledges that the factors leading up to the point of failure are conditions that are under the control, or have been under the care, custody and control of the owner over a period of years, and that these conditions are not produced by the brief period of servicing by the S. D. Myers, Inc. and
- 27. Whereas, the tests referred to in Item 12, paragraph 23 herein have not been made 5. D. Myers, Inc. has no factual data other than oil testing results concerning any of the transformers to be serviced under this quotation, and
- 28. Whereas, it is the choice of the customer to service these transformers under energized conditions, said choice having been freely made after full knowledge and explanation of the above mentioned matters and after evaluation of the processing equipment, techniques and procedures to be used and whereas, customer acknowledges that the procedures and equipment to be used would not be a contributing factor to premature transformer failure,
  - NOW THEREFORE, Customer hereby agrees to exonerate and indemnify S. D. Myers, Inc. and Its sub-contractors, if any, from and against any and all losses, damages, claims, attachments, judgments and costs of any kind and nature whatsoever relating to: 1. damage or destruction of the property, listed in Item 7 herein, and 2. loss of production by customer caused by or in any manner connected with the work called for by this quotation.
- 29. The provisions contained in this quotation shall become a part of any contract resulting and no terms or conditions other than those stated herein, and no agreement or understanding, oral or written, in any way purporting to modify these terms and conditions, whether contained in customer's purchase order or elsewhere, shall be binding on S. D. Myers, Inc. unless hereafter made in writing and signed by its authorized representative. All proposals, negotiations, and representations, if any, made prior, and with reference hereto, are merged herein.





ITEM 12 (Continued)

Page 4 of 4 Pages

7. S. D. Myers, Inc. certifies that standard operating procedures to be followed during the processing of the transformers contemplated by this quotation are in part outlined below.

WARM UP: At the beginning of each work day all of the operating equipment within the ReRefiner Trailer will be filled with oil and this oil recirculated throughout the system and elevated to the maximum operating temperature of 200°F and dehydrated by means of the contained Vacuum Chamber, to dehydrate the system, including the hoses to be used to conduct the oil to and from the transformer to be serviced.

**OPERATION:** Transformer oil will be serviced in the unit by first providing sufficient oil to the transformer to restore the original oil level recommended by the manufacturer, and then recirculating this oil through filters, heat, filter beds of adsorbents, vacuum chambers, etc., to remove the decay products and deliver to the transformer an air free oil having a dielectric value of 35KV or higher. The process will continue until contract conditions have been met and then an oxidation inhibitor at the specified rate of 0.3% by weight has been added to the newly processed oils.

- 8. All processing equipment used to service the transformers contemplated by this contract will be in perfect working order, and will be operated by personnel who have been sufficiently trained in the operation of said equipment, and in personal safety procedures required to work in and around energized transformers of all voltage classifications.
- 9. It is understood under the conditions of sale that S. D. Myers, Inc. will process all transformers, included in this quotation, having a top and bottom mounted filter press valve to which the hoses to be used will be connected, on an energized basis, at option of customer, subject to the provisions outlined.
- 10. S. D. Myers, Inc. is prepared by experience, equipment and operational procedures to process oils in energized transformers that do not have filter press valves. This is accomplished by utilizing fittings that are themselves non conductors, electrician's gloves and electrical insulating blankets. It is recommended, however, that this type of transformer (without filter press valves as above referred to), in the interest of safety, be de-energized while the oil is being processed.
- 11. It is recognized that all transformers in operation do not have an indefinite life, and
- It is acknowledged that at any period in the life of the transformer it is subject to failure or premature failure.
- 13. It is further a recognized fact that a transformer is designed to operate under specified conditions of LOAD, AMBIENT TEMPERATURES, VENTILATION, VOLTAGE, ETC., all conditions being fully outlined and in printed form by the several transformer manufacturers.
- 14. It is also acknowledged that transformers having been operated under adverse conditions will tend to premature failure because of excessive heating, over and shock loading, transient voltage surges, deteriorated oil, sludging, etc.
- 15. Also transformers that have been in operation less than 15 years having an acid number of 0.25 mg/KOH/g when tested under ASTM D-974 date current, or a transformer 20 years old and older has performed to its manufacturers design limits, and that more than 50% of its useful life has been consumed during this period of time.
- 16. It is an established fact that when the acid number reaches a value of 0.30 mg/KOH/g the decay products of oil have penetrated into and impregnated completely the insulation of the transformer (and the laminated iron stack) and that such decay products have formed in the VOIDS of the insulation (these voids being present in all transformer insulating systems) and such voids are now filled with deposited SLUDGE products, asphaltene in nature, which tend to reduce the insulating value of the system and are themselves tending to be a good electrical conductor.
- 17. Whereas, the presence of these decay products can be established as existing in the insulation by certain test procedures (see item 23 that follows),
- 18. And inasmuch as a voltage surge presented to the transformer from any source within the electrical system of the plant being serviced, or from the source of power presented to the plant electrical system, or from lightning strokes, or from any source, will seek out the point of least resistance.
- 19. Whereas, insulating mediums in transformers so permeated and impregnated with transformer oil decay products present to the voltage surge such a lowering of insulation resistance that would become the weak point sought out by such a voltage surge, and
- 20. Whereas, any transformer oil having a dielectric of 24KV and lower have presented to the insulation medium of the transformer what is known as chemically "free water", and that it is a recognized phenomena that the transformer insulation, being hygroscopic in nature, will share equally with the oil the free water so present.
- 4 21. And whereas, this sharing of free water will tend to lower the insulating value of the insulation,

Date 7-2-1985

# CERRO COPPER PRODUCTS CO. Sauget, Illinois 62202

#### PCB ANNUAL DOCUMENT

|                             | Removed From<br>Service | In Storage<br>for Disposal | In Transport<br>for Disposal | In Service at                 |
|-----------------------------|-------------------------|----------------------------|------------------------------|-------------------------------|
| CBs/PCB Items in Containers | NONE                    | NONE                       | NONE                         |                               |
| CB Transformers             | NONE                    | NONE                       | NOWE                         | NONE                          |
| CB Capacitors               | NONE                    | NONE                       | NOWE                         | WEIGHTPER.CA<br>31.18KILOGRAN |

<sup>(</sup>B) Induction Heaters at Press

#### PCB ANNUAL DOCUMENT

|   | Removed From<br>Service | In Storage<br>for Disposal | In Transport<br>for Disposal | In Service at Er<br>of Year            |
|---|-------------------------|----------------------------|------------------------------|--|
| CBs/PCB Items in Containers                 | NONE                    | NONE                       | NONE                         |  |
| CB Transformers  DE-ChoRINATION OF 2 TRANSF | ORM ER                  | NONE                       | 23 DRum5                     | •                                      |
| CB Capacitors                               | NOWE                    | NONE                       | NONE                         | WEIGHTPER.CAP.<br>31.18KILGRAM<br>65 B |

B Induction Heaters at Press

#### PCB ANNUAL DOCUMENT

|                             | Removed From<br>Service | In Storage<br>for Disposal | In Transport<br>for Disposal | In Service at Er<br>of Year                |
|-----------------------------|-------------------------|----------------------------|------------------------------|--|
| CBs/PCB Items in Containers | NONE                    | NONE                       | NONE                         |  |
| CB Transformers             | NONE                    | NONE                       | NONE                         | TOTAL WEIGHT<br>2,270,47 KILOGRA           |
| CB Capacitors '             | NONE                    | NONE                       | NONE                         | WEIGHT PER. CAP.<br>31.18 KILOGRAM<br>65 B |

A Tube Mill South & Tube Mill North

(B) Induction Heaters at Press

#### PCB ANNUAL DOCUMENT

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| CBs/PCB Items in Containers |                         |                            |                              |                                    |
| -                           | NONE                    | NONE                       | NONE                         | NONE                               |
| CB Transformers             |                         |                            |                              | TOTAL WEIGHT 2, 270, 47 KILOGRI    |
|                             | NONE                    | NONE                       | NONE                         | 2 A                                |
| CB Capacitors '             |                         |                            |                              | WEIGHT PER. CAP.<br>31.18 KILOGRAM |
|                             | NONE                    | NONE                       | NONE                         | 65 B                               |

(A) Tube Mill South & Tube Mill North

(B) Induction Heaters at Press

Date 7-2-1981

# CERRO COPPER PRODUCTS CO. Sauget, Illinois 62202

#### PCB ANNUAL DOCUMENT

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|                             | Removed From<br>Service | In Storage<br>for Disposal | In Transport<br>for Disposal          | In Service at Er<br>of Year                |
| CBs/PCB Items in Containers | NONE                    | NONE                       | NONE                                  | NONE                                       |
| CB Transformers             | NONE                    | NONE                       | NONE                                  | TOTAL WEIGHT<br>2,270,47 KILOGRA           |
| CB Capacitors               | NONE                    | NONE                       | NONE                                  | WEIGHT PER. CAP.<br>31.18 KILOGRAM<br>65 B |

A Tube Mill South & Tube Mill North

B Induction Heaters at Press

#### PCB ANNUAL DOCUMENT

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| PCBs/PCB Items in Containers |                         |                            |                              |                               |
| ·                            | NONE                    | NONE                       | NONE                         | NONE                          |
| PCB Transformers             |                         |                            |                              | TOTAL WEIGHT 2,270,47 KILOGRI |
|                              | NONE                    | NONE                       | NONE                         | 2 A                           |
|                              |                         |                            |                              | WEIGHT PER. CAP.              |
| CB Capacitors '              |                         | , _                        |                              | 31.18KILOGRAM                 |
|                              | NONE                    | NONE                       | NONE                         | 65 (B)                        |

(A) Tube Mill South & Tube Mill North

B Induction Heaters at Press

Roy Ilrompson

#### PCB ANNUAL DOCUMENT

|                              | Removed From<br>Service | In Storage<br>for Disposal | In Transport<br>for Disposal | In Service at Endorf Year                 |
|------------------------------|-------------------------|----------------------------|------------------------------|---|
| PCBs/PCB Items in Containers | NONE                    | NONE                       | NONE                         |   |
| PCB Transformers             | NONE                    | NONE                       | NONE                         | TOTAL WEIGHT<br>2,270,47 KILOGRAM         |
| PCB Capacitors               | NONE                    | NONE                       | NONE                         | WEIGHT PER. CAP.<br>31:18KILOGRAM<br>65 B |

(A) Tube Mill South & Tube Mill North

(B) Induction Heaters at Press

#### PCB ANNUAL DOCUMENT

|                                | Removed From<br>Service | In Storage<br>for Disposal | In Transport<br>for Disposal | In Service at End                 |
|--------------------------------|-------------------------|----------------------------|------------------------------|-----------------------------------|
|                                |                         |                            |                              |                                   |
| PCBs/PCB Items in Containers . | NONE                    | NONE                       | NONE                         | NONE                              |
| PCB Transformers               |                         |                            |                              | TOTAL WEIGHT<br>2,270.47 KILOGRAM |
|                                | NONE                    | NONE                       | NONE                         | 2 A                               |
| PCB Capacitors                 |                         |                            |                              | WEIGHT PERCAP.<br>31.18 KILOGRAM  |
|                                | NONE                    | NONE                       | NONE                         | 65 B                              |

(A) Tube Mill South & Tube Mill North

(B) Induction Heaters at Press

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